

19990223.qrp v01_n376.qrl.990223

Date: Tue, 23 Feb 1999 19:03:25 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1376

QRP-L Digest 1376

Topics covered in this issue include:

- 1) [33857] QRP Contest Next Saturday
by "Marshall Emm" <mgemm@mtechnologies.com>
- 2) [33858] Keyer Paddles, Dah-Dit or Dit-Dah?
by "Mont Pierce" <montp@synacom.com>
- 3) [33859] Re: Copper pipe for ground rod
by "Duane" <duane@flinet.com>
- 4) [33860] UPS TRACKING STATUS
by RangerSF5@aol.com
- 5) [33861] Re: Keyer Paddles, Dah-Dit or Dit-Dah?
by frank lauri <qrpp@yahoo.com>
- 6) [33862] Re: Copper pipe for ground rod
by Chuck Carpenter <w5usj@unicomp.net>
- 7) [33863] FYI: DC Power Cables
by "Ron Polityka" <wb3aal@talon.net>
- 8) [33864] nc-20: keying
by Walter D Amos <waltk8cv@surftee.com>
- 9) [33865] Re: GQRP - Surface mount projects, almost painless, maybe?
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 10) [33866] re: OHR100/a mods
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 11) [33867] Total QRP Commitment?
by Rod Cercone <rlc@fii.com>
- 12) [33868] Re: FS/trade IC-735 for DX-70T(H), etc...
by wb2vuo@juno.com
- 13) [33869] RE: Total QRP Commitment?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 14) [33870] Re: Homemade ladder line
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 15) [33871] Re: Total QRP Commitment?
by "Paul R. Valko" <prvalko@oakland.edu>
- 16) [33872] QRP Commitment
by Fred Lesnick <flesnick@tbaytel.net>
- 17) [33873] Home Radio History??? (v y long)
by Chris Cartwright <ccart@dns.vidtel.com>
- 18) [33874] URL Needed...
by "Ron Smith" <resmith666@uswest.net>
- 19) [33875] Re: Total QRP Commitment?

- by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 20) [33876] Re: FS/trade IC-735 for DX-70T(H), etc...
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 21) [33877] Re: Total QRP Commitment?
by olyellr@iglou.com
- 22) [33878] Something Kinda Neat
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 23) [33879] H.B. LADDERLINE - 12-step program.
by S LYON <sslyon@worldnet.att.net>
- 24) [33880] Re: Total QRP Commitment?
by Macstein@aol.com
- 25) [33881] Re: Total QRP Commitment?
by Ron Stark <ku7y@dri.edu>
- 26) [33882] ARRL DX
by Ron Stark <ku7y@dri.edu>
- 27) [33883] NorCal 20. on the air
by N9YAI@aol.com
- 28) [33884] Re: Something Kinda Neat
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 29) [33885] Radio Merit Badge resources sought
by Niel Skousen <skousen@srv.net>
- 30) [33886] Re: Total QRP Commitment?
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 31) [33887] radiofrequency thermocoagulation of the C2 dorsal root ganglion
by sda <sda@bellsouth.net>
- 32) [33888] Re: Something Kinda Neat
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 33) [33889] CQC Test is Sunday, not Saturday!
by "Marshall Emm" <mgemm@mtechnologies.com>
- 34) [33890] a prank??
by RangerSF5@aol.com
- 35) [33891] Re: radiofrequency thermocoagulation of the C2 dorsal root ganglion
by "K10J" <k10j@ditdit.com>
- 36) [33892] Re: URL Needed...
by "Marshall Emm" <mgemm@mtechnologies.com>
- 37) [33893] mail pranks?????
by RangerSF5@aol.com
- 38) [33894] K0FRP & CQC Winter QSO Party
by Alan Dawkins <alk0frp@earthlink.net>
- 39) [33895] Re: XA5T
by N7YA@aol.com
- 40) [33896] Re: good bunch
by N7YA@aol.com
- 41) [33897] More mailing lists? and QRP-clubs?
by "Eim Mulder" <mulder@server4.nfra.nl>
- 42) [33898] ground rod
by N7YA@aol.com
- 43) [33899] NC20 and stork-airmail

by Jon Iza <iapizloj@bicc00.bi.ehu.es>
44) [33900] KL7GU is having fun. Thanks to all.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
45) [33901] Re: K0FRP & CQC Winter QSO Party
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
46) [33902] Pretty nice Caps
by Bill B Lazure <n2tpa@juno.com>
47) [33903] Re: More mailing lists? and QRP-clubs?
by "Bill Todd" <bill@willapabay.org>
48) [33904] FS: OHR-400 and OHR Classic
by "Alan Fryer" <n3bj@hotmail.com>
49) [33905] FS: Emtech NW80
by "Alan Fryer" <n3bj@hotmail.com>
50) [33906] FS: MXM qrp xcvr
by "Alan Fryer" <n3bj@hotmail.com>
51) [33907] IOJ contact
by dave.g0dja@psilink.co.uk (Dave Ackrill)
52) [33908] Metal Tins
by dave.g0dja@psilink.co.uk (Dave Ackrill)
53) [33909] Keyer Paddles, Dah-Dit or Dit-Dah?
by "Brian J Keegan" <brimail@home.com>
54) [33910] Fwd: FS: OHR-400 and OHR Classic
by "Alan Fryer" <n3bj@hotmail.com>
55) [33911] thumb - dah / index - dit
by sda <sda@bellsouth.net>
56) [33912] Re: Total QRP Commitment?
by jeffrey davis <jeff@jehosophat.com>
57) [33913] Re: Keyer Paddles, Dah-Dit or Dit-Dah?
by "rrhensel" <rrhensel@sprintmail.com>
58) [33914] Re: Total QRP Commitment?
by John Levreault <jlevro@mediaone.net>
59) [33915] Re: thumb - dah / index - dit
by Ken Freedman <n1qqv@cshore.com>
60) [33916] RE: ground rod
by Jim Watson <jimbo@eureka.lk>
61) [33917] Re: Total QRP Commitment?
by "Paul Helbert, Wv3j" <phelbert@rica.net>
62) [33918] Re: thumb - dah / index - dit
by Bob Patten <n4bp@bc.seflin.org>
63) [33919] NC-20 sold
by "Holland, Steve" <sholland@homewireless.com>
64) [33920] Re: NC20 and stork-airmail
by Rod Cercone <rlw@frii.com>
65) [33921] Re: thumb - dah / index - dit
by "Nathan Gordon" <kf9li@msn.com>
66) [33922] RF used in medical treatment.
by "Dan Trigilio" <danjt@cruzio.com>
67) [33923] Re: URL Needed...

by kaliic <kaliic@ime.net>
68) [33924] 73 URL
by "Bryan Turner" <turnerw@email.uah.edu>
69) [33925] Re: RF used in medical treatment.
by Chris Trask <ctrask@primenet.com>
70) [33926] Re: thumb - dah / index - dit -Reply
by Bob Reynolds <breynold@sigg.com>
71) [33927] Hamfest in Virginia near Washington, DC & Maryland on 28 February
1999
by "Karty, Steven" <kartys@ncs.gov>
72) [33928] FOX: Team scores
by Bruce Rattray <rattray@gpfn.sk.ca>
73) [33929] Re: 73 URL
by Paul Harden <pharden@aoc.nrao.edu>
74) [33930] RE: RF uses in Medicine (Certainly not QRP)
by Jeff Grudin <grudin@pacific.vdbs.com>
75) [33931] NorCal Cascade Sold
by SKIPNC90@aol.com
76) [33932] Re: 73 URL
by kaliic <kaliic@ime.net>
77) [33933] Re: thumb - dah / index - dit -Reply
by Ron Stark <ku7y@dri.edu>
78) [33934] Re FS Sierra Cabinet
by Joseph Mikuckis <k3chp@erols.com>
79) [33935] Re: thumb - dah / index - dit -Reply
by "Francis Callahan" <colcal@srv.net>
80) [33936] Re: URL Needed...
by "Ron Smith" <resmith666@uswest.net>
81) [33937] RE: RF uses in Medicine (Certainly not QRP)
by jeverhar@cse.l-3com.com
82) [33938] Re: XA5T
by "Kevin F. Glynn" <kfglynn@prodigy.net>
83) [33939] Re: thumb - dah / index - dit
by Ron Stark <ku7y@dri.edu>
84) [33940] NorCal S38 "Thump" Revisited
by Larry East <w1hue@amsat.org>
85) [33941] Re: URL Needed...
by "Ron Smith" <resmith666@uswest.net>
86) [33942] NEC Types?
by rspenc@creighton.edu
87) [33943] Re: Copper pipe for ground rod
by Larry East <w1hue@amsat.org>
88) [33944] Spook radios
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
89) [33945] Re: thumb - dah / index - dit -Reply
by "Mont Pierce" <montp@synacom.com>
90) [33946] I'm Back
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)

- 91) [33947] Re: thumb - dah / index - dit -Reply
by "William H. Launer" <launerb@crl.com>
- 92) [33948] Re: thumb - dah / index - dit -Reply -Reply
by Bob Reynolds <breynd@sigg.com>
- 93) [33949] Re: XA5T
by "K10J" <k1oj@ditdit.com>
- 94) [33950] re: Total Commitment
by Nick Franco <franco@bnl.gov>
- 95) [33951] Need volunteers to help with 3rd World Kits
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 96) [33952] XA5T PHOTOS
by "K10J" <k1oj@ditdit.com>
- 97) [33953] Re: thumb - dah / index - dit -Reply -Reply
by "Richard Brummer" <obvious@bestweb.net>
- 98) [33954] metal finishing (remotely QRP)
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 99) [33955] Re: Copper pipe for ground rod
by kkanalz@optelinc.com
- 100) [33956] RE: thumb - dah / index - dit -Reply
by "Michael St. Angelo" <mstangelo@worldnet.att.net>
- 101) [33957] Re: Portable QRP antenna question
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 102) [33958] Re: radiofrequency thermocoagulation of the C2 dorsal root ganglion
by "John Moriarity" <k6qq@hdo.net>
- 103) [33959] Re: radiofrequency thermocoagulation of the C2 dorsal root ganglion
by "K10J" <k1oj@ditdit.com>
- 104) [33960] RE: metal finishing (remotely QRP)
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 105) [33961] RE: metal finishing (remotely QRP)
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 106) [33962] Oh, no, Mr. Bill
by Walter D Amos <waltk8cv@surfree.com>
- 107) [33963] Re: Need volunteers to help with 3rd World Kits
by Paul Harden <pharden@aoc.nrao.edu>
- 108) [33964] Anodizing 101
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 109) [33965] RE: metal finishing (remotely QRP)
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 110) [33966] Re: Oh, no, Mr. Bill
by "Richard Brummer" <obvious@bestweb.net>
- 111) [33967] Metal Tins
by dave.g@dja@psilink.co.uk (Dave Ackrill)
- 112) [33968] RE: thumb - dah / index - dit -Reply -Reply
by Bob Reynolds <breynd@sigg.com>
- 113) [33969] Re: 73 URL
by Ray Colbert <af852@rgfn.epcc.edu>
- 114) [33970] Re: 73 URL
by "Marshall Emm" <mgemm@mtechnologies.com>

115) [33971] Re: NC20 and stork-airmail
by Rod Cerkoney <rwc@frii.com>
116) [33972] fox tonight?
by "Marshall Emm" <mgemm@mtechnologies.com>
117) [33973] Re: K0FRP & CQC Winter QSO Party
by Joe Gervais <vole@primenet.com>
118) [33974] Sv: Portable QRP antenna question
by "Kim Andersen" <ox3fv@greenet.gl>
119) [33975] Re: thumb - dah / index - dit -Reply -Reply
by "Mike Yettsko" <myetsko@insydesw.com>
120) [33976] Fw: "Everybody Needs Somebody Sometimes "
by "Andy" <andy@gm0nwi.freemove.co.uk>
121) [33977] Metal finishing - another option
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
122) [33978] Re: More mailing lists? and QRP-clubs?
by neil <neil@aade.com>
123) [33979] Re: A new way to cheat.
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
124) [33980] receivers
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
125) [33981] FW: metal finishing (remotely QRP)
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
126) [33982] Re: Pretty nice Caps
by "Brad Hernlem" <alihernlem@hotmail.com>
127) [33983] RE: Trickle Charging - How Much Current ?
by Ronald McConnell <rcmcc@lucent.com>
128) [33984] Re: A new way to cheat.
by "Alyn Backe" <ve6bpr@cnet.com>
129) [33985] RE: thumb - dah / index - dit -Reply
by Ron Stark <ku7y@dri.edu>
130) [33986] Re: receivers
by "Walter Dufrain" <walter@inlink.com>
131) [33987] Re: Need volunteers to help with 3rd World Kits
by Jeff <fantbb@yahoo.com>
132) [33988] Norcal paddle mod
by Jeff Gold <JGold@tntech.edu>
133) [33989] K2-buiders update and further impressions
by Jeff Gold <JGold@tntech.edu>
134) [33990] NC20 Solder side view
by "Mont Pierce" <montp@synacom.com>
135) [33991] Re: receivers
by "Walter Dufrain" <walter@inlink.com>
136) [33992] Re: NorCal S38 "Thump" Revisited
by Gary L Surrency <gsurrency@juno.com>
137) [33993] My NC20 receiver is a little bit deaf!
by Dan Le <dle@san-jose.tt.slb.com>
138) [33994] Re: 73 URL
by wd4et@juno.com

139) [33995] Re: Total QRP Commitment
by wd4et@juno.com
140) [33996] W1RFI/QRP/1
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
141) [33997] Re: Norcal paddle mod
by "Paul Craig, Jr." <n3ysi@easy-pages.com>

Date: Mon, 22 Feb 1999 17:13:22 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@mtechnologies.com, qrp-l@lehigh.edu
Subject: [33857] QRP Contest Next Saturday
Message-ID: <199902230013.RAA02752@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Just a reminder-- the CQC Winter QSO Party is next Saturday. I've appended the rules (also available at <http://pweb.netcom.com/~jmedley/cqcwin.txt>) and please note that there is a NEW CLASS. We have instituted a "homebrew class" defined as either a homebrew transceiver, or homebrew separates (rx + tx). And before you ask, kits do count as homebrew.

And don't forget to look for W0CQC which is worth a 1000 bonus points. This time it will be operated by Dick, AB0CD, and the idea is to make it a little more challenging than it has been in the past.

See you Saturday!
73 DE N1FN

Rules follow...

Colorado QRP Club announces the 1999 CQC WINTER QSO Party

Date/Time: Sunday, February 28, 1999
2200 UTC Feb 28 to 0359 UTC Mar 1

Exchange: RS(T), State/Province/Country, First Name, and
Member # if CQC member, power output if not

ie: 579 CO Jim NR 04

Suggested frequencies

CW 1825, 3560, 3710, 7040, 7110, 14060, 21060, 21110, 28060, 28110
SSB 1910, 3985, 7285, 14285, 21385, 28385

No contacts on 30, 17 and 12 meters allowed

Classes: Single Band, Multi-band, Homebrew (transceiver or HB rcvr and HB txmtr) (all single operator only)

QSO Points:

CW- CQC member 6 pts, non-member 4 pts

SSB- CQC member 3 pts, non-member 2 pts

Multiplier: States/Provinces/Countries worked.

The same station may be worked on different bands for additional QSO points and multipliers. Contacts on the same band using a different mode counts for QSO points, but not as an additional multiplier

Names: Total of first names from Name sheet. One first name per letter of the alphabet. Name must be your commonly used name.

Score: Total Score = QSO Points x Multipliers x Names

*Bonus points for working Club Station W0CQC - Add 1000 points to your FINAL score for working W0CQC

Power: Stations must use 5 watts or less output, CW or SSB. There are no power multipliers.

Awards: To Be Determined, Highest Score in each class

Submit log (postmarked within 30 days of contest end) showing:

Band, mode, time UTC, station called, RST rec'd, SPC rec'd, Name rec'd, Memb.# rec'd (or power out if not CQC member, multiplier, QSO points. Include a score recap line or sheet.

Send paper logs to: Colorado QRP Club
P.O. Box 371883
Denver, CO 80237-1883

Electronic logs must be sent in ASCII Text format to: contest@cqc.org

For sample Log and Name sheets, send SASE and one unit first class postage to: Jim-KG0PP-CQC Contest; P.O.Box 31575; Aurora, CO 80041-0575

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express

"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382

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Date: Mon, 22 Feb 1999 16:22:02 -0800
From: "Mont Pierce" <montp@synacom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33858] Keyer Paddles, Dah-Dit or Dit-Dah?
Message-ID: <01d801be5ec2\$88dcf140\$72855fcf@unkown2.synacom.com>
Mime-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been wressling with using/not using a keyer for some time now
but have always had difficulty learning to use it.

After reading a comment in the NC20 instructions, I finally realized
that maybe I have my paddles wired backwards. Could this be why it's
been so hard for me to master it?

So I ask, how many of you like to have the "Dah" on the thumb side?
and how many of you like to have the "Dit" on the thumb side?

I've switch mine around and it does seem easier to control the dits
with my index finger rather than my thumb. Now I just have to unlearn
and relearn it all over again... :-|

tnx,
km6wt

Date: Mon, 22 Feb 1999 19:34:38 -0500
From: "Duane" <duane@flinet.com>
To: <k6hcj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33859] Re: Copper pipe for ground rod
Message-ID: <002c01be5ec4\$4c1fb560\$161a0ed0@flinet.com.duane>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

to drive ground rods I made a simple device.
take a 2" steel pipe approx 24" long attach a handle on both sides and weld
a lid on one end of the pipe. then slide the pipe over the rod and lift the
pipe approx 1 1/2 foot and pull down hard by the handles and it will drive
the pipe into the hardest of earth.

duane@flinet.com
AB4BE Qrp1#710

Date: Mon, 22 Feb 1999 19:29:00 EST
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [33860] UPS TRACKING STATUS
Message-ID: <d4231794.36d1f64c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I missed the UPS pick up but had the rigs boxed and they will be picked up
after 4PM EST tomorrow so don't expect to see the tracking numbers on the UPS
site untill after 7PM EST

20-M rig W/ keyer # 1z x86 9w1 03 1000 876 4
15-M W/ filter #1z x86 9w1 03 1000 877 3
17-M with filter and dipole # 1z x86 9w1 03 1000 878 2
30-M W/ no options # 1z x86 9w1 03 1000 879 1

All the above rigs have been checked for power output and RX today before
being boxed

Thank You

Bob

WA2HOQrp <tm>

Date: Mon, 22 Feb 1999 16:51:37 -0800 (PST)
From: frank lauri <qrp@yahoo.com>
To: montp@synacom.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33861] Re: Keyer Paddles, Dah-Dit or Dit-Dah?
Message-ID: <19990223005137.15013.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi...

I am left handed and use the right side of the paddle for the DAHS.

Frank N2IX Carmel,NY

---Mont Pierce <montp@synacom.com> wrote:

>
> I've been wressling with using/not using a keyer for some time now
> but have always had difficulty learning to use it.
>
> After reading a comment in the NC20 instructions, I finally realized
> that maybe I have my paddles wired backwards. Could this be why it's
> been so hard for me to master it?
>
> So I ask, how many of you like to have the "Dah" on the thumb side?
> and how many of you like to have the "Dit" on the thumb side?
>
> I've switch mine around and it does seem easier to control the dits
> with my index finger rather than my thumb. Now I just have to unlearn
> and relearn it all over again... :-|
>
>
> tnx,
> km6wt
>
>

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 22 Feb 1999 18:53:56 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: duane@flinet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33862] Re: Copper pipe for ground rod
Message-ID: <3.0.1.32.19990222185356.006a236c@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Us farm boys have been using a gadget like that for years to drive "T"
posts for fencing.

I still like using a post maul. I have a friend steady the rod for me. I
then tell him that when he's ready to nod his head and I'll hit it. 8^)...

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Mon, 22 Feb 1999 20:14:26 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [33863] FYI: DC Power Cables
Message-ID: <017301be5ec9\$db61a6c0\$9c5445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

I just thought I pass this information along to everyone on the list that is build any kind of rig that might be using a 2.1 mm or 2.5 mm jack for power. Mouser Electronics has the following pre-molded plug with cable attached.

Mouser #	Plug Size	Wire
172-4101	2.1 mm	24 AWG
172-4201	2.5 mm	18 AWG

72 / 73 & Good DX
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Club Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP#1
Eastern Pennsylvania QRP Club Call---> N3EPA

ARCI QRP # 5318	G-QRP # 3031
KL7 QRP # 309	NJ-QRP # 179

Date: Tue, 23 Feb 1999 01:41:47 +0000
From: Walter D Amos <waltk8cv@surfree.com>
To: Qrp-l Reflector <qrp-l@lehigh.edu>

Subject: [33864] nc-20: keying
Message-ID: <36D2075B.2C400FD5@surf.free.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow readers

Keying the NC-20 with an external keyer.

Make up a keying lead for what ever your keyer puts out (rca, mono), use shielded lead, (178U) to a stereo PLUG with shield to sleeve / ground and key lead to barrel. Leave the tip open. plug it in and push front panel key button and when you get to SK let go. Then just send a dit or dah to the rig and again hit the key button. You do not need to put a new jack in! This is the strait key mode and works just fine. I keyed it with the computer during the contest last week.

Walt k8cv

Date: Mon, 22 Feb 1999 18:04:40 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: g4wif@btinternet.com
Cc: gqrp-1@blacksheep.org, qrp-1@Lehigh.EDU
Subject: [33865] Re: GQRP - Surface mount projects, almost painless, maybe?
Message-ID: <199902230204.SAA25589@netcom6.netcom.com>

I didn't/don't go to Dayton, and the FDIM proceedings don't talk about the program. I'll definitely pick up a copy.
Thnaks for the information.
73, doug

From: "Tony Fishpool" <g4wif@btinternet.com>
Date: Mon, 22 Feb 1999 22:40:05 -0000

I was operating the slide projector for Dick's talk, and I was nodding off...
Mind you, that *may* have been because of the late nights :-)

72
Tony - G4WIF/K4WIF

-----Original Message-----
From: Dick Pascoe <Dick@kanga.demon.co.uk>

>Oh Doug, you must have been asleep during my talk at Dayton last year
>when I discussed this program. It is excellent for doing strip board
>layouts. Like many of this type it does have small problems but
>generally it does what it says.
>
>TTFN de ..
>--
>Dick Pascoe G0BPS
>Kanga Products

Via GQRP-L - The G-QRP Club mailing list

Date: Tue, 23 Feb 1999 02:04:07 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu
Subject: [33866] re: OHR100/a mods
Message-ID: <3.0.16.19990223020249.0b277bf0@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This month's 73 mag has an article on mods for the OHR 100/a.
Thanks to all who responded to my query.

tu de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Mon, 22 Feb 1999 19:16:24 -0700
From: Rod Cerkoney <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33867] Total QRP Commitment?
Message-ID: <3.0.5.32.19990222191624.007b3d90@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

By summers end I should have a NorCal 40 (working), OHR100A (working), NorCal 20 (building) and with luck a K2 (waiting for delivery) up & running. Also, I find that almost all my operating is at QRP levels. So I'm asking myself: Do I need a commercial rig like my IC-746? Love the rig, love using it, but do I rally need/want it? So I am wondering:

- o Anybody out there "Totally QRP" with kits or Homebrew?
- o Did you start from scratch with kits or HB and stay with that?
- o Did you start with commercial gear, then give it up for kits or HB? Any regrets?

72/3 NØRC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Mon, 22 Feb 1999 21:26:00 EST
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [33868] Re: FS/trade IC-735 for DX-70T(H), etc...
Message-ID: <19990223.022528.5095.1.wb2vuo@juno.com>

Interesting. I had several replies on this from list members concerned that I was trading down. I appreciate the various points of view expressed, especially the civil ones, but the mode(s) I am trying to improve my set up for are AM and FM, and the DX-70T(H) shines on these modes compared to the Icom.

Here's a few points that brought me to this decision:

- 1 - The QSK in the Icom is fine, not Ten Tec quality, but very good. However, I run the Icom in Semi-QSK. No loss there...
- 2 - The stock filter in the IC-735 on AM and FM is too wide. Adjacent channel rejection is better with the DX-70T(H). If you go to AM (N) on the 735, it is too narrow...
- 3 - The step sizes on the DX-70T(H) make AM listening a lot easier, especially in the BCB and the SWBC area...
- 4 - The IC-735 works great on 6 Meters, with a Ten Tec 1208 transverter,

and it is cost effective, only if you don't run AM or FM. The 1208 drops off too much above 51.5 MHz to play on 6 FM, and we have a growing number of decent 6M repeaters, and a bunch of simplex up there, too. FM means "Fun Mode" even on QRP...

5 - I still have occasion to turn up the wick, usually for traffic handling on 75M and 40M, and I am active on the NTS, not as much as I would like, but I am there...

6 - And lastly is personal preference. I have owned the Alinco before, and I prefer the DX-70T(H). I mentioned the Kenwood and the other Icom on the outside chance that someone might have one and make a reasonable offer.

The IC-735 is going to a couple of hamfests real soon, Buffalo and Marletown (Newark, NY), plus it is listed on a couple of PBBS's and local swapnet listings.

Regardless, I have backup gear, and backups to the backups, even a Heath HW-16/VF-1 (Not QRP, but Fun!!!)

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp. Trustee, B/BAMS club station and the NQ2RP/B 10 Mtr QRPP beacon
"My night light runs more power than my Rig!!!"

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 22 Feb 1999 18:33:43 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <rwc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33869] RE: Total QRP Commitment?
Message-ID: <001601be5ed4\$ee600360\$9805b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Interesting questions, Rod. Ones that I am sure will bring forth a number of perspectives/opinions.

I have an Icom 737, that I have considered selling many times, for the same reasons with which you struggle. I, so far, have hung on to it, for no other reason that I could not replace it with a radio as good for the money I would gain by selling it.

And, I guess it is my crutch, as I want the ability to qro at a kW, should the need arise.

Better to have it and not need it, than to need it and not have it I always say.

72

Roger

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Rod Cerkoney

Sent: Monday, February 22, 1999 6:16 PM

To: Low Power Amateur Radio Discussion

Subject: Total QRP Commitment?

Folks:

By summers end I should have a NorCal 40 (working), OHR100A (working), NorCal 20 (building) and with luck a K2 (waiting for delivery) up & running. Also, I find that almost all my operating is at QRP levels. So I'm asking myself: Do I need a commercial rig like my IC-746? Love the rig, love using it, but do I rally need/want it? So I am wondering:

- o Anybody out there "Totally QRP" with kits or Homebrew?
- o Did you start from scratch with kits or HB and stay with that?
- o Did you start with commercial gear, then give it up for kits or HB?
Any regrets?

72/3 NØRC

Rod Cerkoney, QRP-L #1764.

Fort Collins, CO

da di dah

Date: Mon, 22 Feb 1999 21:31:02 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Frank Grigaliunas <fgrig@iea.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33870] Re: Homemade ladder line
Message-ID: <Pine.GS0.3.96.990222212346.4433D-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Frank,

You may be overkilling the home brew ladder line. 1/2" PVC and similar comes in many thicknesses--use the lightest available. I have used CPVC spacers for antennas and open wire and it has endured for at least a few years in the sun and weather.

I have saw a slot, but do not deburr the edges. I drill a slightly small hole for the wire and do not deburr it either. Then I press fit the wire into the slot until it reaches the hole. The clamping effect of the rough PVC edge works well, but if you want further security, solder a small jumper across the PVC spacer. #18-#20 wire is fine. Save the caulk for weather sealing the door frame. I have used even lighter spacers with success. The object is to keep the line as light as reasonable spacing rigidity will permit. #14 is fine for lower power (up to a couple hundred watts) and handles quite well mechanically.

Hope this is useful.

-73-

LB, W4RNL

Date: Mon, 22 Feb 1999 21:38:40 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Rod Cerkoney <rwc@frii.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33871] Re: Total QRP Commitment?
Message-ID: <Pine.OSF.3.95.990222213021.7414D-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Feb 1999, Rod Cerkoney wrote:

> o Anybody out there "Totally QRP" with kits or Homebrew?
Not me.

> o Did you start from scratch with kits or HB and stay with that?
Started with an HW-16 kit in 1975. Then to an HW-101 kit in 1976. Then
to a TenTec Triton IV in 1978.

> o Did you start with commercial gear, then give it up for kits or HB?
Naw... as you see above, I did the opposite and then came back to a kit
with a NN1G 20M qrp kit in 1992.

> Any regrets?
uhhh... I wish I'd bought more Dell stock in 1991.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 22 Feb 1999 21:43:03 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [33872] QRP Commitment
Message-ID: <36D215B7.990E161F@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Do I need a commercial rig
o Anybody out there "Totally QRP" with kits or Homebrew?

o Did you start from scratch with kits or HB and stay with that?

o Did you start with commercial gear, then give it up for kits or HB?
Any regrets?

These are the same questions I keep asking myself. I keep wondering if I
should get rid of my Knwd TS 450 and get some more QRP stuff. Currently
for QRP on the desk, I am running an older OHR rig for 40m, MFJ 9420 for
20 m cw, ant HTX 100 on 10 m, and trying to complete my 38 special. I am
also eyeing up the OHR 500 now, and seriously thinking of getting that
for an all band cw QRP rig... Woe are we QRPers... What to do???

73 Fred VE3FAL

VA3SBB 28.241 mHz QRP Beacon
You can do so much with so little...

Date: Mon, 22 Feb 1999 22:51:12 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@lehigh.edu>
Subject: [33873] Hame Radio History??? (vy long)
Message-ID: <Pine.LNX.3.93.990222212658.2189D-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A guy I work with, has (over several months) given me a few of the things from his late fathers shack. I'm the only ham he knows, and none of his kids (my age) appreciate, or want, the "junk". So in a way, it's like getting stuff from my grandfather, who I never knew, and who wasn't a ham. But I'm getting a little sentimental here...

What I'm wondering is, just what do I have? I know the about Globe Scout, and the HQ145, (yes they have homes), and I'm keeping the MacElroy bug:) But he gave me a few scraps of paper that really get me wondering.

The first is his fathers license from 1941, just before WWII took him off the air. Arthur W. Freeman, W5JSC was a Class B ham, as issued by the signature of J.B.Beadle of the FCC. The best thing about this one is the address;

Arthur W Freeman
Ft. St. Leon, near
Gretna, La.

That's it, that's all. Now the PO gets PO'd if I forget to hang those other silly four numbers off my zip code. This address is only "near" somewhere else and his QSL's showed up:) Anyone out there happen to have a QSL from W5JSC? I really love to get one to copy for my friend.

>From the text on the wallet size license, "This license is valid until 3 o'clock a.m., eastern standard time, 3 years from the date of issuance, subject to the provisions of all treaties, laws, orders, and regulation that apply to amateur radio stations." T.J.Slowie, Secretary FCC
The new license forms just aren't quite the same somehow.

Next piece of paper, a "Restricted Radiotelephone Operator Permit", this one is from JUL 12,1956 and the FCC secretary was Mary Jane Morris, and the issuing officer was Alfred L. Ritter. Excerpted from the back, "...MAYDAY is the international radiotelephone distress signal, Distress messages have absolute priority... ...Know your radio laws, treaties,

rules and regulations. Failure to observe them may lead to suspension of this permit." Methinks the should start puttin this back on ham tickets! I'm guessing this was the commercial op's license?

And finally, a "Restricted Radio Telephone Operator Permit", this is about 3"x4" and looks like a negative photo copy that was shrunk down from a certificate type of original. It's dated December 18, 1939, and is issued to Arthur W Freeman, in New Orleans, and issued by the secretary of the FCC, T.J. Pleure? Tough signature to read. It is NUMBER RP-8-175. Not only would I like to know about the Certificate, but the process to make the copy. It's about 1/5th size and all the background is black, the signatures are white, they the negative effect, an clue? All this stuff is from 20+ years before I was born, and 30 years before I even thought about radios.

So, anyone interested in scanning this stuff to put it on the web? Anyone actually interested in seeing this stuff? I have the scanner, just don't have the time. I got interested in amateur radio when I was about ten, by reading handbooks from the 30's and 40's, same era as this "stuff".

I also noticed in the Mar 99 QST (pp95) it mentions that the 1924 issues of QST had a cartoon dealing with the *new* general call "CQ", but no mention of what it meant:(Anyone have the 1915-29 ARRL CD set to look it up in the Mar 1924 issue?

This is just the ramblings of one of those new know code extras, who got the in with "easy" tests, but passwd 20wpm on straight copy anyway:) Just trying to get a sense of Ham history, because he had he poor sense to be born to late <grin>. Please post to the list, since there a quite a few of us "new kids" who really want to know what it was like in the good old days...

72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV      ARRL-VE   Norcal Zombie #163   |       Gaithersburg, MD FM19je   --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Mon, 22 Feb 1999 19:34:10 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33874] URL Needed...
Message-ID: <005901be5ed6\$9dda6320\$3f47fea9@ron1>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone have the URL for 73 Magazine handy?

72 to all...

Ron Smith
KD7VD

Date: Mon, 22 Feb 1999 22:16 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: Rod Cerkoney <rwc@frii.com>, QRP-L@lehigh.edu
Subject: [33875] Re: Total QRP Commitment?
Message-ID: <19990223031747.FQUA27243@localhost>

Rod,
I have sold my modern commercial stuff,
(kenwood ts440, icom 735), and have the emtech, the k2
(when its available) and the old tube stuff(mostly homebrew).
The most modern thing I have now is a gonset G76 trans receiver
(its neat!). The only thing I miss is the calibrated digital frequency
display....most of the old boat anchor stuff is not real accurate.
Especially stuff from the 40,s.

I don't want any of the new commercial stuff at all.
I actually want more kits and to start on the push pull triode
stuff!
There is nothing to do with the new stuff but operate it.
What fun is that?

Brett
N2DTS

Date: Mon, 22 Feb 1999 22:29 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>

To: wb2vuo@juno.com, QRP-L@lehigh.edu
Subject: [33876] Re: FS/trade IC-735 for DX-70T(H), etc...
Message-ID: <19990223032938.ZWZQ26495@localhost>

Keith,

The icom works well on AM if you put it in the narrow filter, then tune off to the side with the passband. It works on AM, one of the few that does(kenwood 440 did not).

There is also a change you can do to get the frequency to read out to 100 Hz I think....I did it on my old one....a diode clipped out I think.

The 735 is supposed to have the variable rate tuning...turn the knob faster, and the tuning steps get bigger....turn it slower, and they get finer.

Still, I would not hesitate to dump it....the audio quality on AM was lousy, even off the detector, and its no fun to operate....just plug and play...no glow(HOPE NOT!!), no nice smells...
No soul at all....

Brett
N2DTS

Date: Mon, 22 Feb 1999 22:46:00 -0500
From: olyellr@iglou.com
To: rwc@frii.com, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [33877] Re: Total QRP Commitment?
Message-ID: <3.0.5.32.19990222224600.007cad40@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:16 PM 2/22/99 -0700, Rod Cerkoney wrote:

>
>o Did you start with commercial gear, then give it up for kits or HB?
> Any regrets?

I've become all QRP since last fall, but was commercial gear/QRO before that. I have an Icom 735 that I use primarily now for QRP on 17mtrs and 10mtrs because my OHR500 doesn't cover those bands, but have ordered a K2 which will solve that. Am presently building the NC20, (what a nice kit/rig!), and a 38Special after that. (thanks, Tom an' Dave)

For me, I've learned how satisfying it is build something and operate with

it, and to operate QRP and QRPp. It's what I want to do and the way I want to enjoy ham radio.....works for me, may not be the way for others.

No, no regrets here. I LOVE this game!

By the way.....many thanks for what I've learned from some of you on the list, and for some nice QSO's and correspondence with some of you, too many to mention. This is a really great group of folks.

72 all,
Mike L.

```
=====
de AF4LQ      |
FISTS #4139   | 100% CW OP..for the pure JOY of it! |
ARCI #9870    | ARCI 1000 miles per watt @15mtrs, 20mtrs |
QRP-L #1395   | http://members.iglou.com/olyellr/ |
=====
```

Date: Mon, 22 Feb 1999 21:48:03 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [33878] Something Kinda Neat
Message-ID: <006301be5edf\$51c5fb80\$ef37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After watching the lead story regarding the Jasper, Texas murder on local news at 5:00 PM local I got on 40m QRP CW and called CQ. I had Art, W5APX/M5 come right back to me. He told me he was mobile in Jasper, TX parked right in front of the Court House where the murder trial was. After telling me his rig was a Ten-Tec Scout and his antenna was a Texas Bug Catcher, he said he had to go QRT because he was interfering with the news camera crew's equipment. We signed with a laugh and I went back to the TV to catch the national news on ABC. Of course the headline story was the Jasper murder trail again and during one of the video clips the picture was cut out by what appeared to be CW interference! I don't mean to promote interference but this was kinda cool. But I can't seem to get away from the story.

73,
Steve Yates
AA5TB

Fort Worth, TX
http://home.swbell.net/aa5tb
aa5tb@swbell.net

Date: Mon, 22 Feb 1999 22:43:36 -0500
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-1@Lehigh.EDU>
Subject: [33879] H.B. LADDERLINE - 12-step program.
Message-ID: <36D223E8.E3B8894E@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I make what seems to be a very economical, robust and efficient
ladderline... goes like this:

- 1.) buy #16 or #18 THHN or whatever at Home Depot. @ \$13/500ft roll.
- 2.) buy 50'roll of 90mil weed wacker nylon @ \$9/roll. (I think)
- 3.) Enjoy TV, libation, snacks while cutting nylon to 4" lengths.
- 4.) Enjoy same while bending ends of nylon around hot solder tip. (sm)
- 5.) make 2 or 3 five foot wood stakes w/small "T" at top, notches @ 3".
- 6.) Pound the stakes into the ground, about 30' apart.
- 7.) Unwind the spool of wire, double it, and stretch it thru the stakes
- 8.) Clamp tensioned wire, anchor with concrete blocks outside of stakes
- 9.) Hook the spreaders on the wire 18" apart; hot melt glue in place.
- 10) Use hot air or solder gun to remove glue stringers and melt to wire
- 11) Advance your ladderline to the next segment; roll up made section.
- 12) Apply your 250' of prime, lo-loss feeder, phasing line, etc. happily

Several observations made recently are true: weather immunity, low wind
drag, economy, etc.

I've made EXCELLENT Sterba Curtains, Lazy H's, Zepps, etc. at my ex-QTH
in CT. I pre-cut and resonate (MFJ-259) 1/2 wave sections of it, along
with 1/4 & 1/2 wave single wire, and crimp/solder ring lugs on the ends.
That enables spur-of-the-moment-bolt-together assembly of an amazing
assortment of antenna types. It brings the joys of lifting an idea from
such green pastures as W4RNL's web page and actually building a killer
ant in an afternoon -usually windy, freezing, rainy, of course. Balanced
Tuners have become objects of great facination... thanks again, L.B.

Let us know how YOU do!

72

-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 22 Feb 1999 22:42:07 EST
From: Macstein@aol.com
To: rwc@frii.com
Cc: qrp-l@Lehigh.edu
Subject: [33880] Re: Total QRP Commitment?
Message-ID: <e0919fc9.36d2238f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/22/99 9:19:34 PM EST, rwc@frii.com writes:

[snip]

> o Anybody out there "Totally QRP" with kits or Homebrew?

Yes. I'm "totally QRP", kits and homebrew on HF and a commercial HT on 2 meters/440. I do have an old Yaesu 101 ZD my Elmer gave me to listen to W1AW, but have never transmitted the thing really except to test the finals. I don't want to run QRO with my current antenna (grin). If you "love using" your QRO Icom rig -- shucks, that's no crime -- USE IT AND HAVE FUN! To me, there's nothing like working to complete a shakey QSO on the Novice band, having the op tell you it's their first QSO ('cept maybe getting the Fox) -- I always smile, I don't care if it's with a Pixie/SMITE/Fireball/Ugly Weekender or an OMNI VI, FT1000, your IC746 or whatever. I also get great satisfaction working mw stations, Jack, K4BYF today was first 500 mw then lower and was still 559 to me. FUN, FUN, FUN!

> o Did you start from scratch with kits or HB and stay with that?

I did on HF. The Yeasu 50R HT was my first "rig", but my first HF rig was the NorCal40a -- then I did the .38 special, Pixie II, and the SW40+ with the Elmer 101 class. I use the SW40+ almost exclusively now, but sweep the Novice section of the band with the NorCal once a night, just to help give some qso's to learners (like me!) About every other one of my projects work perfectly -- and the rest have had help from QRP-L till they function! I'm learning tons.

> o Did you start with commercial gear, then give it up for kits or HB?
> Any regrets?

The thing I want is an outdoor antenna! I got 40 countries last weekend working 4 hours of the contest with my attic dipole and QRP. It's tempting to break the deed restrictions during the dark just to see if I can work Singapore! I STILL need Hawaii for WAS (which will also be WAS QRP!) Seriously, I have NO regrets running low power. I think it improves our skills just trying to BE HEARD. I also know that I can now work weak signals 100 times better than last year. Takes practice, patience and concentration. Wish I had more of all of 'em! I just added and RIT to the SW40+, so fox hunting will be easier now (I was using the listen-twist-send-twist back-listen) method. Now it almost ain't fair! I try to imagine having a rig like the K2, with splits, memories, digital readout, etc.... I'm saving my pennies.

I like reading your posts Rod, glad you got on the list.

-MAC- #704
KF4KSM
Odessa, FL

Date: Mon, 22 Feb 1999 19:59:58 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33881] Re: Total QRP Commitment?
Message-ID: <Pine.SOL.3.96.990222195352.23698A-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Feb 1999, Brett Gazdzinski wrote:

> There is nothing to do with the new stuff but operate it.
> What fun is that?

Well, for me, the fun is in operating. Building is OK but I do it only for the finished product not so much for fun.

To me, CW is an art form. One that takes years to aquire. Anyone that can read and ask a few questions can make a rig and have it work the first time!

When I come home and want to relax, I reach for the fancy radio and paddles (or bug).

And I think there are a lot of out here like this....after
all, why else would someone have a dozen kits sitting around
waiting for some excuse to be built? :-)

Just goes to show that even in amateur radio, one size doesn't
fit all!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 22 Feb 1999 20:11:16 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [33882] ARRL DX
Message-ID: <Pine.SOL.3.96.990222200717.23698C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Only got to spend about 3 hours total playing in the
contest but did have fun. There are some great ops out
there.

BAND	Raw QSOs	Valid QSOs	Points	Countries
80CW	2	2	6	1
40CW	25	25	75	10
20CW	13	13	39	12
15CW	53	53	159	18
10CW	30	30	90	13

Totals	123	123	369	54

Final Score = 19926 points.

Not much of a showing but it was nice to hear some activity on 10m. 15m was good also. When I was on 20m the SP and LP were about the same and the echo was so bad that many stations could not be copied at all!

I'm sending in my log to show support to the ARRL of the QRP class!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 22 Feb 1999 23:02:35 EST
From: N9YAI@aol.com
To: QRP-L@lehigh.edu
Subject: [33883] NorCal 20. on the air
Message-ID: <5af4c929.36d2285b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

First I would like to thank all of the people who helped me with the AFA problem I was having... Especially Dave Fifield. After a couple of E-mails we discussed the possibility that the AFA chip was bad. Just received it today (Thanks to Doug Hendricks for a quick response) and bang, Plugged it in and up she came... sweetest sound I have heard in a long time... tuned up the rest I had already completed and my rig is on the air. Power output is a little low but I am sure I can do something about that.... (not a problem). Thanks again to everyone and to the EXCELLENT customer service by Dave and Doug...
72's and good QRPing

Date: Mon, 22 Feb 1999 23:13 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: "Steve Yates, AA5TB" <aa5tb@swbell.net>, QRP-L@lehigh.edu
Subject: [33884] Re: Something Kinda Neat
Message-ID: <19990223041422.ZXVZ26495@localhost>

I think they should drag the guys that did that real slow....

An eye for an eye....

Sure must have been an incredible amount of hate in those people.

Brett

N2DTS

.....

Date: Mon, 22 Feb 1999 21:48:03 -0600

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

Subject: Something Kinda Neat

Sender: owner-qrp-1@Lehigh.EDU

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

After watching the lead story regarding the Jasper, Texas murder on local news at 5:00 PM local I got on 40m QRP CW and called CQ. I had Art, W5APX/M5 come right back to me. He told me he was mobile in Jasper, TX parked right in front of the Court House where the murder trial was. After telling me his rig was a Ten-Tec Scout and his antenna was a Texas Bug Catcher, he said he had to go QRT because he was interfering with the news camera crew's equipment. We signed with a laugh and I went back to the TV to catch the national news on ABC. Of course the headline story was the Jasper murder trail again and during one of the video clips the picture was cut out by what appeared to be CW interference! I don't mean to promote interference but this was kinda cool. But I can't seem to get away from the story.

73,

Steve Yates

AA5TB

Fort Worth, TX

<http://home.swbell.net/aa5tb>

aa5tb@swbell.net

Date: Mon, 22 Feb 1999 21:13:13 -0700

From: Niel Skousen <skousen@srv.net>

To: qrp-1@lehigh.edu

Subject: [33885] Radio Merit Badge resources sought

Message-ID: <v04003a01b2f7d8e3c8de@[12.7.217.113]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I got tagged to teach a Boy Scout Merit badge class in both Radio and

Electronics merit badges. subject matter is no problem, short notice and resource material is !!!

Anybody have any canned, electronic resources, (outlines, slides, etc) that they could e.mail me ?

Oh, and a heads up... I'll probably be asking for people to listen for some 1wpm code in a couple of weeks as several boys try to make QSO's, with a morse lookup card

Kind of a Pre-Novice foxhunt @ 1 wpm
(well with 4-5 all looking up letters, the fractional parallel processing might get us up to 2-3 wpm =*8-)

Wish me luck, there's 13 13-14yr olds in the class
Fascinating

Niel

Niel Skousen : WA7SSA skousen@srv.net
Idaho Falls, ID QRP-L.119 fr DN33wm

Date: Mon, 22 Feb 1999 23:26 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: Ron Stark <ku7y@dri.edu>, QRP-L@lehigh.edu
Subject: [33886] Re: Total QRP Commitment?
Message-ID: <19990223042719.ZYBC26495@localhost>

Ron,
Sure, I know that!
I have noticed that lots of musicians are into/good at cw.
And, judging from all the fox hunt/contest posts on the list, the operating bit is VERY popular.
Lucky for me, most of you guys are busy operating, and I get the parts/kits/radios that are not great at that stuff.
I remember getting all that old tube stuff from you guys, as you wanted that great new kenwood stuff (and sold me your old collins equipment at bargain basement prices!).
AM was out, ssb was in!....what no rit? dump it!
If you ant got 3 vfo,s, your rig is s&^%!

Thanks!

Brett
N2DTS

Date: Mon, 22 Feb 1999 22:35:02 -0600
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [33887] radiofrequency thermocoagulation of the C2 dorsal root ganglion
Message-ID: <199902230435.XAA01320@mail3.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

"radiofrequency thermocoagulation of the C2 dorsal root ganglion"

huh? yikes. read this today in a medical report on one of my clients.
thought about it a minute....hmm...guy has chronic pain and he's getting
this procedure done...holy smokes. they must mean taking RF and
literally FRYING this poor guy's nerve in his neck, so his pain will stop.

i read the phrase over again to myself and thought it sounded really cool.
"radiofrequency thermocoagulation of the C2 dorsal root ganglion".
wonder if the doc has to be fcc licensed to sling those RF's around like that.
wonder what the freq/wattage is??? yikes.

anyway, weird post, i know...just thought i would share it.

thanks again to everyone who gave feedback/comments on my web page.
will do updates as time allows.

peace and 72/73,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/~k4msw>

Date: Mon, 22 Feb 1999 22:40:42 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <Brett.Gazdzinski@mci.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33888] Re: Something Kinda Neat
Message-ID: <009a01be5ee6\$ac79b920\$ef37a497@aa5tb>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I certainly don't understand how anyone could have such hate!

By the way, I certainly didn't mean to lessen the importance of the case.
This could have been about any news story. This whole ham radio event was
just kinda like being in the "twilight zone" for me.

73,
Steve Yates
AA5TB
Fort Worth, TX
<http://home.swbell.net/aa5tb>
aa5tb@swbell.net

Date: Mon, 22 Feb 1999 22:03:29 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@mtechnologies.com, qrp-1@lehigh.edu
Subject: [33889] CQC Test is Sunday, not Saturday!
Message-ID: <199902230503.WAA16410@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Did it again-- must be the altitude or something. Anyhow, the CQC Winter QSO
Party is Sunday, not Saturday. Of course you'd know that if you read the
actual rules, but I bet some of you didn't [g]

Sorry for taking the extra bandwidth....

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382

--

Date: Mon, 22 Feb 1999 23:54:57 EST
From: RangerSF5@aol.com
To: qrp-L@lehigh.edu
Subject: [33890] a prank??
Message-ID: <e18f6c9b.36d234a1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

WN8VOT@JUNO.COM has mail bouncing back as WN8VOT@big.net
Bob
WA2HOQrp <tm>

Date: Mon, 22 Feb 1999 23:16:29 -0600
From: "K10J" <k10j@ditdit.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33891] Re: radiofrequency thermocoagulation of the C2 dorsal root ganglion
Message-ID: <000801be5eeb\$abc08900\$8a53b8d1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Todd and all...

I have been an X-ray service engineer for many years. One of the most interesting medical research areas I have been introduced to is the preheating of cancer tumors to an exact temperature before application of radiation treatment. This treatment is still experimental. The method used includes the use of RF produced by amateur radio equipment. The source is a common transceiver modified to transmit from about 5 to 50 MHz. Different frequencies are used based on the depth and size of the tumor. The signal is amplified by a common off the shelf amp. Power levels range from 100 to 1000 watts. The load for the power is a specially designed coil type coupling device. The couplers are of different sizes and shapes determined by the size and anatomical location of the target area. It has been proven that preheating the tumor to a specific temperature increases the effectiveness of the radiation treatment by a large degree. In the last facility I visited, the rig was a Kenwood TS-440 and the amp was an old Clipperton-L. The staff was not licensed for ham radio but they were covered by their research license. I have listened for their signals in the amateur

bands and have only been able to hear them when in close proximity to the facilities.

On another note, I am sure you have all heard of ultra sound used for imaging of the internal organs of the human body. These are used frequently for prenatal testing and viewing of the fetus in pregnant women. I am not sure why they call it ultra sound. The frequencies used are usually 2.5, 5, and 10 MHz Another medical imaging device that uses RF is the common MRI scanner. After exposing the body to a strong magnetic field, the chromosomes in your tissue are aligned magnetically north and south in relation to the magnetic field. Upon removing the magnetic field, an RF signal is applied to the area as the chromosomes migrate back to their normal orientation. Electrons released from the chromosomes can then be detected and an image made of the tissue. All normal chromosomes in a given tissue will move at the same rate and emit the same amount of electrons. Any abnormal tissue will show that the chromosomes are moving at a different rate and therefore will show up in the image.

Hope this is not too deep, but I thought it might be of interest.

72 and good dx
OJ---K10J
dit dit
..

Date: Mon, 22 Feb 1999 22:19:03 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: "Ron Smith" <resmith666@uswest.net>, qrp-1@lehigh.edu
Subject: [33892] Re: URL Needed...
Message-ID: <199902230518.WAA17139@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>>Anyone have the URL for 73 Magazine handy?
<<

TBMK they don't have one-- not even the limited freebie that aol gives you.
But you can e-mail them at design73@aol.com

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com

Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Tue, 23 Feb 1999 00:34:10 EST
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [33893] mail pranks??????
Message-ID: <2be36cd5.36d23dd2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

WN8VOT has sent mail from JUNO.COM and BIG.NET
Both *E* mails bounce.
Why send the same letter from two different address??
Bob
WA2HOQrp <tm

Date: Mon, 22 Feb 1999 21:41:34 -0700
From: Alan Dawkins <alk0frp@earthlink.net>
To: QRP-L@lehigh.edu
Subject: [33894] K0FRP & CQC Winter QSO Party
Message-ID: <36D2317E.468E9C4D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Contest time From the "Colorado Bunch"
2200Z Feb 28 to 0359Z March 1 This Sunday
W0CQC will be on for the 1000 pt bonus

Now its been said that I (K0FRP) need a handicap to make an even
playing field for all.
I will leave it to your Vote !!!!! Remember I can be beat and have been
beaten.

A. Reduce my Power to 1W or less , I still feed RF to my aluminum
farm, Heliac feedline looses very little.

B. Run "My Oner 1w Crystal Controlled transmitter" on 7037, 7040, 7041, 14,060, 21,060. Plus no TR switch. toggle switch between TX / RX. Whew
6 hours on a switch !!!!! I Still feed my Aluminum and TS850, 59+DSP on RX.

I did this in a short Colorado Snowshoe Run, not easy.

C. Run full 5w and my aluminum, keep Colorado RF shooting East and West, keeping the contest alive.

You DECIDE A, B OR C, the judge has the final say in case of a TIE (I'M THE JUDGE).

Remember this contest uses Names for multipliers, Calling all Zekes, Zebs, Xaviers and Quints get on and be very Popular.

BE THERE AL K0FRP

Date: Tue, 23 Feb 1999 02:04:28 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [33895] Re: XA5T
Message-ID: <16dc032c.36d252fc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/17/99 9:20:15 AM Pacific Standard Time, k1oj@ditdit.com writes:

<< We will not be operating QRP but
I have a good ear for those 'weak' stations and will do my best to listen for you all. It is no problem to QRS and will definitely do so when needed. Please find us and give us a contact. We will be active on all bands. >>

OJ, i must say you guys really WERE listening for the little guys. no one could copy me, but you guys got me on the first call....also i noticed an increase in patience from the various "Big Guns" this year, must be the increase in qrp ops during the contests. hey, if you want points, listen a little harder for weak signals! Good job guys!!

73...Adam, N7YA

Date: Tue, 23 Feb 1999 02:06:59 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [33896] Re: good bunch
Message-ID: <6b8cad3b.36d25393@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/17/99 12:44:55 PM Pacific Standard Time, ac5ez@webtv.net writes:

<< After visiting several other groups in cyberspace I have to say that this group is really the best bunch of folks around. Low noise/sig ratio etc. I really appreciate all the folks that participate in this group.

k1zw

>>

I second that....strongly!!

73...Adam, N7YA

Date: Tue, 23 Feb 1999 08:31:01 +0100
From: "Eim Mulder" <mulder@server4.nfra.nl>
To: QRP-L@Lehigh.EDU, qrp-canada@lists.gpfn.sk.ca
Subject: [33897] More mailing lists? and QRP-clubs?
Message-ID: <s6d26764.000@server4.nfra.nl>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hallo Everyone,

1. Is there someone who can tell me if there are more interesting = Mailinglists what have to do with HAM (QRP) Radio.
I already know two lists: QRP_L and QRP Canada.

2. Can anyone give some information about QRP clubs in Canada or into = the USA, and who's has there own club-magazine.

I would like to know who I have to contact to and how frequently = the news lettire will be sent.

=20

On this moment I'm only a member of the BQC-QRP club her into = Europe.

```

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      Eim      PA3CMD
-----\ (----( _ )-----
      \_ )    ) /
      ( _ /

```

Eim mulder

mulder@nfra.nl

```

-----
Date: Tue, 23 Feb 1999 03:08:17 EST
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [33898] ground rod
Message-ID: <73851f93.36d261f1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

```

I just thought of something, i work construction and have used a handheld jack hammer. it looks like a big rifle and rattles your body like the big one does (well, maybe not THAT much), but your arms feel it. the bits that are used for chipping into rock or concrete are roughly the same diameter as a solid copper ground rod. why not just attach the copper rod into the pneumatic hammer like you would the bit, get up on the ladder and let 'er rip! it would go fairly quick and would break up any rocks it encountered in the proccess. when you reach a level of about 4"-6" above the ground, simply remove the "bit" and attach your cable clamps...ready to go. plus, these can be rented at any equipment rental outlet. give it a shot and let us know.

73...Adam, N7YA

```

-----
Date: Tue, 23 Feb 1999 07:56:10 -0800
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: qrp-1@lehigh.edu
Subject: [33899] NC20 and stork-airmail

```

Message-ID: <36D2CF9A.23F5@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Yesterday after work, how much joy! "THE" box was here. Finally!
Two weeks ago another Spaniard asked me about the kit and the manual...
He already had his kit. I just checked the box to know if there was
something wrong with mine, missing stamp, no airmail sticker, but nope!
All were there... and postmark was Feb 03... mmm!...Airmail... 20 days
to
cross the pond...
And then, I figured out it was an special airmail-stork-delivery...
In Spain, children are delivered from Paris, France, by a stork.
It looks like my NC20 has come from Sacramento the same way...

Anyway, looks goooooood, and I will have some joy translating the manual
into Spanish for the Spanish speaking hams building any of the 500 NC20
extras... Later on, I will be the guinea pig to test if the translation
is good. If I let the smoke out the parts, the manual will have to be
corrected, and my NC20 too... but that's another story.

Be well. And thanks to the design team. Nice job!

jon, ea2sn

Date: Mon, 22 Feb 1999 23:53:30 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [33900] KL7GU is having fun. Thanks to all.
Message-ID: <36D26C8A.3C9200E3@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I received this from Al, KL7GU, in responds to my note to him about the
contest this weekend. Thanks for listening for him. He is a good cw
operator and has the time to be on the air.

Jim, AL7FS

From: aturner@customcpu.com[SMTP:ATURNER@CUSTOMCPU.COM]
> Sent: Monday, February 22, 1999 7:10:49 PM

> To: jlarsen@alascam.att.com
> Subject: Contests
> Auto forwarded by a Rule
>

Tx for the info Jim, ie., contests this coming weekend.
Have been on the air most every day for a couple of hours.
Worked a KH6/qrp today, also a w6. Total WAS now 13 with
a couple off VE7. Having a ball. Tnx for the introduction into a new
field. Be looking for you.

73,s Al k17gu

Date: Mon, 22 Feb 1999 23:57:40 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: alk0frp@earthlink.net, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [33901] Re: K0FRP & CQC Winter QSO Party
Message-ID: <36D26D84.C72311C8@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I vote for C...most definitely.

73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009 IA QRP #016
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net ICQ 11022915 => <http://www.mirabilis.com/>

Alan Dawkins wrote:

>
> Contest time From the "Colorado Bunch"
>
> C. Run full 5w and my aluminum, keep Colorado RF shooting East and
> West, keeping the contest alive.
>
> You DECIDE A, B OR C,
--

Date: Tue, 23 Feb 1999 03:49:11 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [33902] Pretty nice Caps
Message-ID: <19990223.035037.7198.15.N2TPA@juno.com>

I just receive the caps that Keith, WB2VU0 was selling. I got the dual panel-mount. Boy, are these nice! Enclosed reduction drive with concentric coarse and fine tune shafts, bearings at both ends of the shaft(s), trimmers for both sections, and the standard triple screw mount - all this for \$3 each. If he offers this again, those who missed it the first time might want to reconsider!

Thanks Keith!

Bill
W2EB

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Feb 1999 01:45:04 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <mulder@server4.nfra.nl>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [33903] Re: More mailing lists? and QRP-clubs?
Message-ID: <001801be5f11\$33f612c0\$99added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hallo Everyone,

1. Is there someone who can tell me if there are more interesting Mailinglists what have to do with HAM (QRP) Radio.
I already know two lists: QRP_L and QRP Canada.

Hi Eim -

You can always subscribe to the NWQ-L list. Just send an e-mail to:
nwq-l@scn.org
and in the body of the text type "subscribe". We only average a handful of messages each day, so you will not be overwhelmed ha).

Also, I believe that the Colorado QRP Club (or, perhaps some other club)

also has a E-mail list .

CUL, Bill-N7MFB

Date: Tue, 23 Feb 1999 02:20:29 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [33904] FS: OHR-400 and OHR Classic
Message-ID: <19990223102030.16152.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

OHR-400, very good condition, two small scratches, one on side, one on bottom, front panel fine, works great. Was aligned at factory. With installed factory keyer, TenTec audio amp to drive speaker. \$220 shipped

OHR Classic, cabinet has some scratches, no gouges, front panel fine, with installed factory keyer, just back from OHR, complete alignment, still in the sealed box \$120 shipped

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 23 Feb 1999 02:24:22 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [33905] FS: Emtech NW80
Message-ID: <19990223102422.1918.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

For sale: Emtech NW80 in factory cabinet, very good condition, with internal audio filter, original manual. Looks new, works great, one of the best single band qrp rigs.

\$100 shipped

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 23 Feb 1999 02:27:54 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [33906] FS: MXM qrp xcvr
Message-ID: <19990223102754.28410.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

For Sale: MXM qrp xcvr for 30M. In unfinished aluminum case, well done. Unusual double conversion design makes this somewhat of a collector's item. Works fine, with original documentation.

\$100 shipped

Alan, N3BJ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 23 Feb 1999 11:02:35 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Subject: [33907] IOJ contact
Message-ID: <E10FFbN-0002kh-00@relay2.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Surprised to get a call from GJ3EEC--579 on his dipole.
>Bands sounded flat, so I called CQ QRP with 3.5W/yagi.
>Zack W1VT

Think that you will find that 'GJ3EEC' isn't a valid callsign, Zack!

Maybe you worked GJ3ECC ?

Cheers de Dave (G0DJA)

Date: Tue, 23 Feb 1999 11:02:32 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-l@lehigh.edu
Subject: [33908] Metal Tins
Message-ID: <E10FFbJ-0002kh-00@relay2.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Found another source for small metal project boxes at the local Chemists (Pharmacy) today, whilst collecting a replacement inhaler (I suffer slight asthma) lost recently.

The tin contains Olde Miners Lozenges (I hope that doesn't mean Lozenges made from olde miners!) manufacturtered by Simpkins. Cost 89 pence (thats about 54 US cents). This is cheaper than my other source, Nuttall's mint tins, at 99 pence (60 cents).

In addition, the tin has a flat lid, and is similar in appearance to the Altoids tins I've seen in QRP Quarterly.

Now to empty the contents and put the replacement keyer in. HI.

Cheers de Dave (G0DJA)

Date: Tue, 23 Feb 1999 06:07:04 -0500
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [33909] Keyer Paddles, Dah-Dit or Dit-Dah?
Message-ID: <001601be5f1c\$bb2d8c40\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mont,

Although most instruction sheets tell you to wire the right paddle for DAHS and left for DITS it comes down to personal preference. We have a guy in our local club who wired his "backwards" (left-Dahs, right-DITS) and learned to use it that way. A few weeks later, after being told he had it "wrong", he read the instruction sheet and reversed his wiring. He tried using it this way for a few days but just couldn't get the hang of it. So he switched back

to the "backwards" wiring and has been using it that way ever since. We keep a small patch cord that reverses the wiring at our club station so when he wants to use the Bencher his way he just has to attach the cord and go.

Me? I am right handed but taught myself to use paddles with my left hand so I can keep the pen in my right hand ready to write. I use the right paddle for DAHS. It was easy enough to learn and I can switch off with right handed ops by simply sliding the paddles to the other side of the table.

Brian KF2HC

Date: Tue, 23 Feb 1999 03:23:28 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [33910] Fwd: FS: OHR-400 and OHR Classic
Message-ID: <19990223112329.24790.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Forgot to mention, both units include complete, original documentation.

Alan, N3BJ

-----Original Message Follows-----
Date: Tue, 23 Feb 1999 02:20:29 PST
Reply-To: n3bj@hotmail.com
From: "Alan Fryer" <n3bj@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: FS: OHR-400 and OHR Classic

OHR-400, very good condition, two small scratches, one on side, one on bottom, front panel fine, works great. Was aligned at factory. With installed factory keyer, TenTec audio amp to drive speaker. \$220 shipped

OHR Classic, cabinet has some scratches, no gouges, front panel fine, with installed factory keyer, just back from OHR, complete alignment, still in the sealed box \$120 shipped

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 23 Feb 1999 05:27:11 -0600
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [33911] thumb - dah / index - dit
Message-ID: <199902231126.GAA15786@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am right handed and thumb is dah, and index finger is dit.

So, this is backwards from what most people do?

Todd, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/~k4msw>

Date: Tue, 23 Feb 1999 07:41:47 -0500
From: jeffrey davis <jeff@jehosophat.com>
To: Rod Cerkoney <rlw@frii.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33912] Re: Total QRP Commitment?
Message-ID: <19990223074147.A25600@jehosophat.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Quoting Rod Cerkoney (rlw@frii.com) [990222 19:16]:

>

- > o Anybody out there "Totally QRP" with kits or Homebrew?
- > o Did you start from scratch with kits or HB and stay with that?
- > o Did you start with commercial gear, then give it up for kits or HB?
- > Any regrets?

Rod,

I spent a great deal of time and money building a decent mode "B"

satellite groundstation some years ago. I had a great time with AO-13 until it crashed. Also worked the digital PacSats with the station fully automated. I would be outside mowing the grass and see the Sat antenna's tracking!

After that phase I decided I wanted to chase DX. Sold all the Sat gear and bought a Yaesu FT-1000MP and BIG antennas. That phase lasted a year when I got ahold of a small QRP rig. A few months later I sold the 1000MP and am happy to say that I built (homebrew or kit) every piece of equipment in my shack today! (no microphones in the shack either but that's another story!) Nothing against commercial gear but I've "been there and done that"... been licensed 23 years and the hobby was just getting boring for me.

QRP and building my own gear was just the challenge I needed to stay interested and active in the hobby.

Good luck to you!

--

72 de Jeff, N9AVG
QRP-L 1640

Date: Tue, 23 Feb 1999 08:03:16 -0500
From: "rrhensel" <rrhensel@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33913] Re: Keyer Paddles, Dah-Dit or Dit-Dah?
Message-ID: <004401be5f2c\$e223cf70\$0317e590@nos_rrhensel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When I bought my first paddle, a second hand bencher, it was wired for the Da's on the thumb. so that is how I learned. I later found out that that is "backwards" from a true Bug. However once learned I decided it wasn't worth unlearning. When I need to use another paddle I just turn it around and reach over.

Richard Hensel
SR. Engineer
SPRINT
n8wlc@arrl.net

When you have a hammer in your hand ...

The whole world looks like a nail.

>

Date: Tue, 23 Feb 1999 08:09:52 -0500
From: John Levreault <jlevro@mediaone.net>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33914] Re: Total QRP Commitment?
Message-ID: <36D2A8A0.558071FB@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Roger A. McCarty" wrote:

> Interesting questions, Rod. Ones that I am sure will bring forth a number of
> perspectives/opinions.
>
> I have an Icom 737, that I have considered selling many times, for the same
> reasons with which you struggle. I, so far, have hung on to it, for no other
> reason that I could not replace it with a radio as good for the money I
> would gain by selling it.

I keep my Icom IC-745 for the same reasons. It's "packed", with a full complement of filters, plus an internal power supply. It may be worth all of \$600 if I sold it.

Although I much prefer my mini-R2 for 40M, there's a lot to be said for changing bands quickly. I really like the passband tuning. And split VFO's come in real handy when working DX. I've got the power throttled back to 5W all the time, and I've never been tempted to raise it.

73 de nb1i
John

>

>

> And, I guess it is my crutch, as I want the ability to qro at a kW, should
> the need arise.

>

> Better to have it and not need it, than to need it and not have it I always
> say.

>

> 72
>
> Roger
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Rod Cerkoney
> Sent: Monday, February 22, 1999 6:16 PM
> To: Low Power Amateur Radio Discussion
> Subject: Total QRP Commitment?
>
> Folks:
>
> By summers end I should have a NorCal 40 (working), OHR100A (working),
> NorCal 20 (building) and with luck a K2 (waiting for delivery) up &
> running. Also, I find that almost all my operating is at QRP levels. So I'm
> asking myself: Do I need a commercial rig like my IC-746? Love the rig,
> love using it, but do I rally need/want it? So I am wondering:
>
> o Anybody out there "Totally QRP" with kits or Homebrew?
>
> o Did you start from scratch with kits or HB and stay with that?
>
> o Did you start with commercial gear, then give it up for kits or HB?
> Any regrets?
>
> ---
> 72/3 N0RC
> Rod Cerkoney, QRP-L #1764.
> Fort Collins, CO
> da di dah

Date: Tue, 23 Feb 1999 08:11:19 -0500
From: Ken Freedman <n1qqv@cshore.com>
To: sda@bellsouth.net
Cc: qrp-l@lehigh.edu
Subject: [33915] Re: thumb - dah / index - dit
Message-ID: <3.0.32.19990223080954.006deef8@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:27 AM 2/23/99 -0600, you wrote:
>I am right handed and thumb is dah, and index finger is dit.
>
>So, this is backwards from what most people do?

>

Hi Todd,

Yup! I learned the same way, but I've never been tempted to try to "unlearn" it. Typically, I bring my own keyer to places (like Field Day or a friend's shack) where I might want to operate, and I have a switch installed to reverse it if someone who learned the "right" way wants to use it. You can use someone else's keyer in a pinch by turning it around and draping your hand over it from the back.

It is a little known fact, that most folks can use their LEFT hand to operate a key that's wired "backward" from what they are used to. Try it. You will be pleasantly surprised..

73, Ken

Ken Freedman
AKA N1QQV/QRP ARRL VE, QRP-L, AMSAT

Date: Tue, 23 Feb 1999 19:12:48 -0000 (GMT)
From: Jim Watson <jimbo@eureka.lk>
To: qrp-l@Lehigh.EDU
Subject: [33916] RE: ground rod
Message-ID: <XFMail.990223191248.jimbo@eureka.lk>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On 23-Feb-99 N7YA@aol.com wrote:

> I just thought of something, i work construction and have used a
> handheld jack
> hammer. it looks like a big rifle and rattles your body like the big
> one does

73...Adam, N7YA

I work installing large antenna farms for commercial operators (VOA, BBC) and that's exactly how we've done this in the past. The rods used were steel core/copper coated - approx 3/4" diameter. Installing 100+ rods per antenna any other way is not practical. Remember the goggles though....

Best Regards

Jim Watson

Marconi Communications,
VOA (Sri Lanka) Project Site Office,
P.O. Box 14,
Negombo,
Sri Lanka.

Fax : + 94 32 54584
Tel : + 94 71 770542

Date: Tue, 23 Feb 1999 08:26:18 -0500
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: rwc@frii.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33917] Re: Total QRP Commitment?
Message-ID: <36D2AC7A.8578FE01@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rod,

Same here. I've just been selling off my commercial and even homebuilt QRO stuff in order to get to an all homebuilt station. Most of my operating has been QRP, I enjoy it more, it takes up less space and I have fewer dollars (but more time) invested.

I still have for sale a huge, heavy and beautifully built amp. Grounded grid pair of 3-500Z's. 10 through 80 meters. Legal limit with ease. \$400.00 FOB Shenandoah Valley of Virginia. The components alone are easily worth more. The amp is currently set up and working in a friend's shack near Churchville, VA, where it may be seen/operated. The RF deck and gages are rack mountable. No commercial ham gear is built using such high quality components.

Paul, Wv3j

Date: Tue, 23 Feb 1999 08:27:58 -0500 (EST)

Norcross, Georgia 30071
Voice (770) 797-2058 Fax (770) 729-3080
Email: sholland@homewireless.com

<mailto:sholland@homewireless.com>
www.homewireless.com
<http://www.homewireless.com>

Date: Tue, 23 Feb 1999 06:46:36 -0700
From: Rod Cerkoney <rwc@frii.com>
To: iapizloj@biccc00.bi.ehu.es, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [33920] Re: NC20 and stork-airmail
Message-ID: <3.0.5.32.19990223064636.0085a100@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hola!

At 07:56 AM 2/23/99 -0800, Jon Iza wrote:

>Gang,

...

>Anyway, looks goooooood, and I will have some joy translating the manual
>into Spanish for the Spanish speaking hams building any of the 500 NC20
>extras... Later on, I will be the guinea pig to test if the translation
>is good. If I let the smoke out the parts, the manual will have to be
>corrected, and my NC20 too... but that's another story.
>

I got a late start building my NC20 here in Colorado (I'm just getting to the VFO section). I found one minor error in the manual:

Page 31, Item 65, C9 is called out as a 0.1 micro farad axial lead cap.
C9 should be a 10 micro farad electrolytic, and included in the list
for item 68.

Also, the caps I received for Item 65 had a very small "104" stamped on them.

This is not indicated as a possibility in the "Value/Type (Marking)" column.
"104" is a correct marking possibility.

Hope this helps to reduce some confusion.

Also, yesterday, I posted some notes about the front panel assembly process. If you don't have them and would like a copy, let me know. (My

slightly modified process
helps to keep things stable and aligned nicely.)

The NC20 is a great looking radio, and I can't wait to get it on the air.
But, I'm not going to rush through building it. I'll take my time and try
to do a good job.

It is nice to hear that NC20's are showing up outside of the USA. Can't
wait to make my first NC20 to NC20 DX contact.

Good Luck.

72/3 N0RC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 23 Feb 1999 08:27:05 -0600
From: "Nathan Gordon" <kf9li@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33921] Re: thumb - dah / index - dit
Message-ID: <011301be5f38\$a29602e0\$ee7cfea9@nathan>

I'm left handed, but send with my right hand so I can write with my left.
Dits go on the left (thumb) side.

72, KF9LI

Elgin, IL

-----Original Message-----

From: sda <sda@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, February 23, 1999 5:28 AM
Subject: thumb - dah / index - dit

I am right handed and thumb is dah, and index finger is dit.

So, this is backwards from what most people do?

Todd, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/~k4msw>

Date: Tue, 23 Feb 1999 06:29:08 -0800
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [33922] RF used in medical treatment.
Message-ID: <001001be5f38\$e0518a00\$8282e3a5@n1dt-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello OJ, As a long , long time Biomed Tech, I repair many devices that use RF to provide some type of treatment to a patient. The reason they call it Ultrasound is because the RF energy is used to excite a crystal transducer to produce mechanical motion. This motion is coupled through to the patient via a coupling gel. The system works much the same as Sonar does. Other uses of RF are:

Electrosurgical procedures, Diathermy (you don't see much of that used any more), and of course MRI and other imaging devices. Another use for RF in the hospital setting is medical Telemetry, used to transmit a patient vital signs to a central monitoring station, (runs around 467 mHz). As you may tell by this point a hospital is a real RF caldron. Anyway, sorry about the bandwidth, I don't get to talk much about my work to the outside world. :)

GL es 73, Dan W6DAN
Capitola, CA

Date: Tue, 23 Feb 1999 21:34:25 -0800
From: ka1iic <ka1iic@ime.net>
To: mgemm@mtechnologies.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33923] Re: URL Needed...
Message-ID: <36D38F61.61C7@ime.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Wayne Green has a web site if that's any help (not really) at:
<http://www.waynegreen.com/>

73 & 72

Vince
ka1iic
-.-.

Marshall Emm wrote:

>
> >>Anyone have the URL for 73 Magazine handy?
> <<
>
> TBMK they don't have one-- not even the limited freebie that aol gives you.
> But you can e-mail them at design73@aol.com
>
> 73
> Marshall Emm
> N1FN/VK5FN
> n1fn@MorseX.com
> Morse Express
> "Everything for the Morse Enthusiast"
> <http://www.MorseX.com>
> (303)752-3382
> --

Date: Tue, 23 Feb 1999 08:47:22 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33924] 73 URL
Message-ID: <199902231448.IAA02791@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I tried finding the URL for 73 without luck, until it hit me. To find

a nut, ask a nut. I visited www.artbell.com and it was there in the guest list!

<http://www.waynegreen.com>

Not only is there a link to 73, but you can also find out about faked moon landings, adding silver to your diet and other vital information.

Usual Disclaimers - Not affiliated with the black helicopters, Hale-Bopp comet, HAARP or the CIA remote viewing project.

73 Bryan W8LN

Date: Tue, 23 Feb 1999 07:50:44 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Dan Trigilio <danjt@cruzio.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33925] Re: RF used in medical treatment.
Message-ID: <Pine.BSI.3.96.990223074829.843B-1000000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Feb 1999, Dan Trigilio wrote:

> Hello OJ, As a long , long time Biomed Tech, I repair many devices that use
> RF to provide some type of treatment to a patient. The reason they call it
> Ultrasound is because the RF energy is used to excite a crystal transducer
> to produce mechanical motion. This motion is coupled through to the patient
> via a coupling gel. The system works much the same as Sonar does. Other uses
> of RF are:
> Electrosurgical procedures, Diathermy (you don't see much of that used any
> more)
>

I was doing some power anplifier and antenna design work for a small venture diathermy outfit here in Scottsdale. It was another shining example of why you should NOT do RF work for people who know nothing about RF.

```

      ,-----,
      /   What's all this   \
     / extinct stuff, anyhow? \
    \ -----,-----'
    _ | /
   oo\
  (__) \
         _

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240

```

\ \ . ' \
 \ \ " / \
  \ ( ) \
  '-| )__| :. \
   | | | | \ '.
   c__; c__; '-..'>.__

```

Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 23 Feb 1999 08:55:41 -0600
From: Bob Reynolds <breynd@sigg.com>
To: qrp-l@lehigh.edu, kf9li@msn.com
Subject: [33926] Re: thumb - dah / index - dit -Reply
Message-ID: <99Feb23.085516cst.26976@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> "Nathan Gordon" wrote:
>>>I'm left handed, but send with my right
>>>hand so I can write with my left.
>>>Dits go on the left (thumb) side.

I'm also a southpaw, use a bug with the left
(thumb=dah) and use a keyer with the right
(thumb=dits). Usually write with the free
hand, altho the left is better.

73, Red K5VOL

72, KF9LI

Elgin, IL

Date: Tue, 23 Feb 1999 10:05:59 -0500
From: "Karty, Steven" <kartys@ncs.gov>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [33927] Hamfest in Virginia near Washington, DC & Maryland on 28 February 1999
Message-ID: <41A8197B6ABCD2119C0600204804F0CC1628BF@rbmail101.chamb.disa.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The Vienna Wireless Society will have its annual hamfest Winterfest the last Sunday in February (on 28 February 1999) at the Northern Virginia Community College in Annandale, VA (just one mile outside the Capital Beltway on Route 236 - Little River Turnpike). Frostbite tailgate opens at 6 am on a first-come basis, and the indoor area opens at 7 am. VEC exams are the same day at 8 am. Talk-in is on 146.91(-) and 146.085(-). Please see <http://www.erols.com/k3mt/vws/wf98/hamfest.htm> for more information, or call Mike K3MT on (703) 757-7021 or Jim WA4LTO on (703) 392-0150.

72, Steven - N5SK

Date: Tue, 23 Feb 1999 09:21:04 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [33928] FOX: Team scores

Message-ID: <Pine.LNX.3.95.990223091838.30431A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've fallen behind in doing the Team scores due to other priorities but I should be able to catch up by this weekend...too many irons in the fire...my fault...get out your wet noodles and lash away eh?!? ; -)

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Tue, 23 Feb 1999 08:16:26 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Bryan Turner <turnerw@email.uah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [33929] Re: 73 URL
Message-ID: <Pine.SOL.3.91.990223081434.1819A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Usual Disclaimers - Not affiliated with the black helicopters,
> Hale-Bopp comet, HAARP or the CIA remote viewing project.

And I assume you're cleared from the Kennedy assassination as well? :-)
Gee ... there's a subject Wayne Green hasn't jumped on. Not like him.

72, Paul NA5N

Date: Tue, 23 Feb 1999 07:16:11 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [33930] RE: RF uses in Medicine (Certainly not QRP)
Message-ID: <36D2C63B.821F71A3@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think one of the most interesting uses for RF in medicine is in radiosurgery. The unit I use is somewhere around 3 MHz. It has a 1

tube transmitter that puts out about 100W. The receive antenna is a small plate placed under the animal or person. The transmitting antenna is a variety of probes or wires held in hand and used to cut.

The RF creates enough heat in the cell to cause it to boil and rupture. With proper settings this can be controlled to one or two cell layers thick. Because the cells rupture ahead of the wire, there is no friction on the probe. Actually less friction than with a scalpel. You can make very accurate and controlled cuts.

On histopathology of the incisions, there is a lot less collateral damage than with a scalpel cut. Healing is a lot faster and with less scarring.

You do have to turn off the office music system when using it though.

--

73 de AC6KW <mailto:grudin@vdbb.com>
Jeff Grudin, DVM Web Add: <http://www.vdbb.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Tue, 23 Feb 1999 10:16:01 EST
From: SKIPNC90@aol.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33931] NorCal Cascade Sold
Message-ID: <975267ac.36d2c631@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

The Norcal Cascade has been sold and should be on its way to a new home soon. Thanks for the interest.

73, Skip NC90

Date: Tue, 23 Feb 1999 22:33:35 -0800
From: ka1iic <ka1iic@ime.net>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33932] Re: 73 URL
Message-ID: <36D39D3F.60D6@ime.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

...
> And I assume you're cleared from the Kennedy assassination as well? :-)
> Gee ... there's a subject Wayne Green hasn't jumped on. Not like him.
>
> 72, Paul NA5N

Give him time... he's not getting any younger you know!!! Did *I* say that??

73
Vince
ka1iic
-.-.-.

Date: Tue, 23 Feb 1999 07:41:20 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33933] Re: thumb - dah / index - dit -Reply
Message-ID: <Pine.SOL.3.96.990223073335.29067C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmmm,

I just had an idea. Don't know if I've seen this idea somewhere else or not. (Not worried if it's original or not!)

How many people here can send CW with both hands at the same time?

I've seen people who can write with both hands. I have even seen one who can start in the middle of a sentence and write both directions and wind up with a nice looking sentence!

Anyway, how about it. Send two different text strings at the same time by hand.

Speed needs to be up there a bit otherwise you could just switch back and forth in your head. Lets say 25 wpm as a minimum.

Or along the same lines, how about having 2 QSOs at the same time.... one with each hand. Maybe you are sending to one while copying the other! :-)

I'll bet a cup of coffee that some of the better 2 radio contestors can do close to that, just not sure about the dual sending part.

Now you all have a good excuse to buy that other set of paddles you want.....

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 23 Feb 1999 09:07:16 -0500
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [33934] Re FS Sierra Cabinet
Message-ID: <36D2B614.5B62@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Sierra cabinet has been already promised. If the deal falls through, I'll post it again.

73, Joe, K3CHP

Date: Tue, 23 Feb 1999 08:50:54 -0800
From: "Francis Callahan" <colcal@srv.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [33935] Re: thumb - dah / index - dit -Reply
Message-ID: <199902231550.IAA17560@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There was a ham in VT years ago who would send cw on 40 and 20 using two different radios at the same time using 2 keys and would answer the first station that called him 72 Cal KF7ET

> From: Ron Stark <ku7y@dri.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: thumb - dah / index - dit -Reply
> Date: Tuesday, February 23, 1999 7:41 AM
>
> Hmmmmmm,
>
> I just had an idea. Don't know if I've seen this idea
> somewhere else or not. (Not worried if it's original
> or not!)
>
> How many people here can send CW with both hands at
> the same time?
>
> I've seen people who can write with both hands. I have
> even seen one who can start in the middle of a sentence
> and write both directions and wind up with a nice looking
> sentence!
>
> Anyway, how about it. Send two different text strings at
> the same time by hand.
>
> Speed needs to be up there a bit otherwise you could just
> switch back and forth in your head. Lets say 25 wpm as a
> minimum.
>
> Or along the same lines, how about having 2 QSOs at the
> same time.... one with each hand. Maybe you are sending
> to one while copying the other! :-)
>
> I'll bet a cup of coffee that some of the better 2 radio
> contestors can do close to that, just not sure about the
> dual sending part.
>
> Now you all have a good excuse to buy that other set of
> paddles you want.....

>
> cul,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>

Date: Tue, 23 Feb 1999 08:52:11 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: <turnerw@email.uah.edu>, <KB90CE@aol.com>, <ccieslak@law.uiuc.edu>, <mgemm@mtechnologies.com>, <jimparker@bewellnet.com>, "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [33936] Re: URL Needed...
Message-ID: <013601be5f44\$93e18d80\$3f47fea9@ron1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brian, Mike, Chris, Marshall, and Jim -- Thank you one and all for your quick responses and leads.

Brian, I particularly like the word association process you us in finding things! LOL

72 to you all...

Ron

Date: Tue, 23 Feb 99 10:49:48 EST
From: jeverhar@cse.l-3com.com
To: grp-l@lehigh.edu
Subject: [33937] RE: RF uses in Medicine (Certainly not QRP)
Message-ID: <9902231549.AA14808@train11.cse.l-3com.com>

Group,

Interesting stuff about medicinal RF applications...

I gotta put in my OF remeberances.

Waaay back in the olden days before CB took over 27 MHz, it was both a ham band and it was used for ISM (Industrial Scientific and Medical) purposes. As a young twerp I was an SWL on the path to getting my ham license. I listened all around the HF spectrum and noted an intermittent loud buzzing interference to hams on the then 11 meter amateur band. It sounded like a dirty transmitter powered with unfiltered DC and was very annoying to say the least.

I asked around the local hams and found that one of them was an MD. He showed me both his ham rig and his QRO diathermy (tissue heating with RF) equipment. It was, indeed, a crude 27 MHz free running oscillator with a high-power final fed with raw DC.

With several doctors in my small town, I could tell by the signal strength which one was using his diathermy equipment at a given time. And there were some even weaker signals at times that must have come from other doctors several miles away in surrounding towns.

I wonder if the CB'ers experience the same sort of interference these days.

72/73,

Joe E., N2CX

Date: Tue, 23 Feb 1999 11:01:19 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [33938] Re: XA5T
Message-ID: <199902231605.LAA143818@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi OJ and gang,

Hey I worked XA5T on 10, 15 and 20. Ran QRP at 5 watts out.

Tnx for the QSOs. How can I QSL?

72 Kevin N2T0
Brooklyn, NYC

kfglynn@prodigy.net

Date: Tue, 23 Feb 1999 08:06:03 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: sda <sda@bellsouth.net>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [33939] Re: thumb - dah / index - dit
Message-ID: <Pine.SOL.3.96.990223075759.29067F-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Todd,

Yep, that's backwards. However, in this day and age it doesn't really make much difference.

Before keyers came to be, we all used bugs. They came in right hand and left hand models. I think that there must have been 500 right hand bugs for every 1 left hand bug made!

So almost everyone learned to send with the thumb making dits if you were right handed. If you were left handed chances are that you learned to send on a right handed bug and sent dits with your finger and dahs with your left thumb.

That way a left hander didn't have to carry his own bug around with him where ever he went. He could use the much more common right hand models that everyone seemed to have.

Now it just doesn't much matter. Many rigs, keyers and even contest software let you swap the dit/dah functions in the setup software. And you can always turn the paddles upside down or around backwards in a pinch.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 23 Feb 1999 09:14:33 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [33940] NorCal S38 "Thump" Revisited
Message-ID: <3.0.3.32.19990223091433.00921c10@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For those of you who are still putting up with the keying "thump" in the S38 receiver audio, here's an easy parts substitution (you DID put the IC's in sockets, didn't you?) that will reduce (but NOT eliminate) the problem: Replace the CD4066 CMOS switch IC with a MAX4066ACPD. The Maxim replacement has much lower "charge injection" than a stock 4066 resulting in reduced audio thump. Neither DigiKey nor Allied list the MAX4066A, but Allied does list the MAX4066; this might be somewhat better than a standard 4066, but the "A" version has better specs and is the one I tried. You might be able to order a few (or get samples...) directly from Maxim Integrated Products. See their web site at <http://www.maxim-ic.com> .

The best cure for the thump is to install an FET switch ahead of the audio amp. This mod was posted on QRP-L (moons ago), appeared in the QRPP and is probably listed among the mods at <http://www.fix.net/~jparkar/38smods.htm> .

72, Larry W1HUE

Date: Tue, 23 Feb 1999 09:07:48 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: <ka1iic@ime.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33941] Re: URL Needed...
Message-ID: <018d01be5f48\$ddda2e20\$3f47fea9@ron1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Vince.

72

Ron

>Wayne Green has a web site if that's any help (not really) at:
> <http://www.waynegreen.com/>

Date: Tue, 23 Feb 1999 10:28:41 -0600 (CST)
From: rspenc@creighton.edu
To: qrp-l@lehigh.edu
Subject: [33942] NEC Types?
Message-ID: <Pine.HPX.4.05.9902231024260.27174-100000@bluejay.creighton.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all.

A quickie that someone may be able to help-direct me on. I am wiring my shack weather computer and need some instrumentation cable. Any suggestions as to where I may decipher the "NEC types" for wire? Like CM, CMR, etc... Seems I have not been able to order the right wire since I am ignorant about such stuff.

Email direct to preserve the qrp-l and I thank you for the BW!!!

Rich

Dr. Richard S. Penc | Amateur Radio: call WK2A

email: rspenc@creighton.edu
richpenc@juno.com

Date: Tue, 23 Feb 1999 09:31:59 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Cc: Chuck Carpenter <w5usj@unicomp.net>
Subject: [33943] Re: Copper pipe for ground rod
Message-ID: <3.0.3.32.19990223093159.00944450@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>I'd agree that using the hydraulic method to drive a copper pipe into the
>ground is the easiest method. But you also are not as likely to have a
>good *earthed* ground because of it.
>
>All the material that would be compacted against the surface of a driven
>rod is washed away leaving voids along the length. The effectiveness of
>the ground in contact with the rod is reduced and the ground rod is less
>useful as a ground.

... etc ...

I don't agree. The ground will compact around the rod over time. If you don't believe it, just drive a pipe 8 feet or so into the ground using this method, leave it for a few weeks, and try to pull it out!

72, Larry W1HUE/7

Date: Tue, 23 Feb 1999 11:34:36 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [33944] Spook radios
Message-ID: <Pine.SOL.3.92.990223112646.24811A-1000000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since we're such avid hambrewers in QRPland, perhaps we should send the spooks some better radios.

Case in point: Sunday 21 Feb at 0250 UTC (local time: 2150 EST Saturday). Frequency: 8245 kHz. RST: 572.

The spook first sent a whole bunch of long strings of numbers punctuated by slashes. Then after a couple minutes of silence they sent a bunch of letter groups.

The signal sounded like they had sampled a duck quacking. I was tempted to record the signal and analyze it to see if the quacking itself contained any information, but decided not to...

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
- Hospital/Shafte

Date: Tue, 23 Feb 1999 08:34:41 -0800
From: "Mont Pierce" <montp@synacom.com>
To: <breynold@sigg.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33945] Re: thumb - dah / index - dit -Reply
Message-ID: <013101be5f4a\$69ff24e0\$72855fcf@unkown2.synacom.com>
Mime-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bob Reynolds <breynold@sigg.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: February 23, 1999 7:04 AM
Subject: Re: thumb - dah / index - dit -Reply

>>>> "Nathan Gordon" wrote:
>>>>I'm left handed, but send with my right
>>>>hand so I can write with my left.
>>>>Dits go on the left (thumb) side.
>
>I'm also a southpaw, use a bug with the left
>(thumb=dah) and use a keyer with the right
>(thumb=dits). Usually write with the free
>hand, altho the left is better.

I was waiting for you to say that you write
with your foot so you can keep both hands
on the bug and keyer... hi hi

73,
Mont

Date: Tue, 23 Feb 1999 08:51:28 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>

Subject: [33946] I'm Back
Message-ID: <01be5f4c\$c204cbc0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I survived the wedding, it was wonderful, and thank you to all for the messages of congratulations and condolences for my very flat billfold!!

Noted on the net that someone was asking if he should inventory his kit!!! Please, please do that immediately if you have not done so already. He was asking if it was a big problem. Well, only if your kit is one that has missing parts!!! And there is only one way to find that out. Grin. I have sent out over 80 parts replacement packages. There are over 350 parts in this kit, and the possibility of error is there, as I am very human. NorCal is not a kit company, this is a limited run kit, and we will not have an unlimited source of replacement parts. Please limit your parts requests to one time only. I have had a couple of guys who have sent a request as they do each bag, resulting in 3 requests from the same guy!! Each request costs about \$1 in postage and mailing materials, plus the time it takes to pull the parts, prepare them to mail, and then take to the post office. Please finish the inventory so that I can mail all parts in one envelope. Thanks. Also, don't forget the mailing label, as it helps immensely!!

72, Doug, KI6DS

Date: Tue, 23 Feb 1999 10:42:51 -0600
From: "William H. Launer" <launerb@crl.com>
To: ku7y@dri.edu
Cc: qrp-l@Lehigh.EDU
Subject: [33947] Re: thumb - dah / index - dit -Reply
Message-ID: <103130300b2f8831a1bc5@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I once had a QSO with a retired railroad telegrapher. He said that he used his left hand on his bug for his radio work, and his right hand for the landline Morse. He said a lot of the oldtimers did the same thing, because they didn't want to mess up their means of support! Seems that they had trained their brains to associate each hand with a specific code variety.

72/73, Bill

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arci #3551
Grid Square EM48RT

Date: Tue, 23 Feb 1999 10:44:33 -0600
From: Bob Reynolds <breynd@sigg.com>
To: qrp-1@lehigh.edu, montp@synacom.com
Subject: [33948] Re: thumb - dah / index - dit -Reply -Reply
Message-ID: <99Feb23.104121cst.26980@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

I was waiting for you to say that you write
with your foot so you can keep both hands
on the bug and keyer... hi hi

73,
Mont

Date: Tue, 23 Feb 1999 10:50:43 -0600
From: "K10J" <k10j@ditdit.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33949] Re: XA5T
Message-ID: <003001be5f4c\$aa8eefc0\$f6e3c1cf@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy All

The XA5T operation was a group effort. We had lots of fun and made lots of contacts. I worked and saw many familiar calls from the group. Many thanks to all for the contacts. We ran a Multi 2 set up. Here is a short summary.

10m 1023 Q 56 Mults
15m 1473 Q 58 Mults
20m 1344 Q 58 Mults
40m 1272 Q 57 Mults
80m 768 Q 57 Mults
160m 457 Q 50 Mults
Total 6337 Q 336 Mults 6.3 mil points.

Highest Q rate was first hour at 328Qs, two transmitters, you do the math.

Equipment:

TS 440 SB 220
FT 890 AL80B
10m 4el mono
15m th6dx
20m 4el mono
40m 2el mono
80m inverted L
160m inverted L
Beverages on 160 and 80

QSL via N5TU

OJ---K10J
dit dit

Date: Tue, 23 Feb 1999 12:05:33 -0500
From: Nick Franco <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [33950] re: Total Commitment
Message-ID: <36D2DFDD.9841B3D7@bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I just sold my IC-728 to a local ham on time installments so I can collect enough money to buy a K2. I just hope it's all that it's cracked up to be.

Turns out I was only using my Icom as a piece of expensive test equipment to align my kits with ;-) I is like brand new (except for some dust) and only gets used on QRP which I have set as 1.5W to 100W from the front control. This guy got a great factory rig so I can buy a kit. Hmm! I'm starting to think I've really lost it. This list has converted my whole was of thinking toward the hobby. Thanks to all (I think).

72,

Nick - kf2ph . .

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
RHIC Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Tue, 23 Feb 1999 09:13:36 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [33951] Need volunteers to help with 3rd World Kits
Message-ID: <01be5f4f\$d9885c00\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I talked with Dave Fifield last night, and we are in agreement that we are ready to do the first 100 kits to send to George Dobbs for 3rd World distribution of the NorCal 20 project. I need 5 volunteers who live near Dos Palos who would be willing to donate a day's time to help kit these parts. You will be treated to a lunch by me at the local Dos Palos Hamburger Emporium aka Palm Cafe.

The kitters that I am looking for need to be willing to work hard, follow directions explicitly, not talk during kitting, and do accurate work.

We will be bagging 35000 parts into 7 smaller bags, then putting the smaller

bags into one larger bag. Then we will assemble 100 cases, and put the bags plus the circuit boards into the cases and then putting the case tops on. The idea is to ship the kits inside the cases for protection. I think it will be about an 8 hour job.

Thanks in advance.

Doug, KI6DS

Date: Tue, 23 Feb 1999 11:14:56 -0600
From: "K10J" <k1oj@ditdit.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33952] XA5T PHOTOS
Message-ID: <000b01be5f50\$097900e0\$dee3c1cf@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I forgot to include the link for tha XA5T photos:

<http://www.texasinfo.net/xa5t/>

OJ---K10J
www.ditdit.com
..

Date: Tue, 23 Feb 1999 12:49:19 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.edu>, <breyhold@sigg.com>
Subject: [33953] Re: thumb - dah / index - dit -Reply -Reply
Message-ID: <00ac01be5f54\$db3185e0\$5505b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh, no..... QLF !!

72,
Dick K2REB

-----Original Message-----

From: Bob Reynolds <breybold@sigg.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, February 23, 1999 12:23 PM
Subject: Re: thumb - dah / index - dit -Reply -Reply

>
>I was waiting for you to say that you write
>with your foot so you can keep both hands
>on the bug and keyer... hi hi
>
>73,
>Mont
>
>
>
>

Date: Tue, 23 Feb 1999 09:48:16 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [33954] metal finishing (remotely QRP)
Message-ID: <0f8901be5f54\$b3b9ea70\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Local village of experts --

This may not sound QRP, but it is related to things I am doing with
QRP projects, so thanks for your indulgence.

I have two questions.

First, does anyone know how the nice satin finish is created on
aluminum antennas from some manufacturers, like Diamond? This finish
is much different from the usual "don't do anything just leave it to
oxidize and rub off on your hand" finish on most commercial aluminum
antennas. Is it an anodizing process, or an etching process? Does it

affect the conductivity or loss? Would a layer of aluminum oxide formed by anodizing affect the performance of an antenna since it is non-conductive?

Second, I have heard that folks in the ARRL lab use coffee to dye the oxide layer on freshly anodized aluminum enclosures to achieve a very pleasing warm-brown-black color. Does anyone know the details of this process? Does it need to be etched first? Is it safe to do at home?

Thanks for the benefit of your experience.

Mike K1MG
Saratoga, CA

PS: Chuck, how's the NC20 paint job coming?

Date: Tue, 23 Feb 1999 12:15:22 -0600
From: kkanalz@optelinc.com
To: w1hue@amsat.org
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33955] Re: Copper pipe for ground rod
Message-ID: <86256721.00648C61.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I have to agree with Larry.... using the "water-wash" method to install the ground pipe/rod results in a muddy slurry around the pipe/rod for most of its length, and as soon as the water drains away from the pipe/rod in the "settling in" process, it forms a very intimate contact with the ground element (pipe or rod).

AND I've never been able to pull one out (or even wiggle it) that's been installed using this method.

Karl K - W8TIF
McKinney, Texas

Larry East <w1hue@amsat.org> on 02/23/99 10:31:59 AM

Please respond to w1hue@amsat.org

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Copper pipe for ground rod

>
>I'd agree that using the hydraulic method to drive a copper pipe into the
>ground is the easiest method. But you also are not as likely to have a
>good *earthed* ground because of it.

>
>All the material that would be compacted against the surface of a driven
>rod is washed away leaving voids along the length. The effectiveness of
>the ground in contact with the rod is reduced and the ground rod is less
>useful as a ground.

... etc ...

I don't agree. The ground will compact around the rod over time. If you don't believe it, just drive a pipe 8 feet or so into the ground using this method, leave it for a few weeks, and try to pull it out!

72, Larry W1HUE/7

Date: Tue, 23 Feb 1999 13:16:57 -0500
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33956] RE: thumb - dah / index - dit -Reply
Message-ID: <01BE5F2E.F55252E0@mstangelo>

This is really impressive, but I'm curious...is it legal to send a CQ on more than one frequency

at the same time?

73,

Mike N2MS

-----Original Message-----

From: Francis Callahan [SMTP:colcal@srv.net]
Sent: Tuesday, February 23, 1999 11:51 AM
To: Low Power Amateur Radio Discussion
Subject: Re: thumb - dah / index - dit -Reply

There was a ham in VT years ago who would send cw on 40 and 20 using two different radios at the same time using 2 keys and would answer the first station that called him 72 Cal KF7ET

NRA LIFE.....

>

Date: Tue, 23 Feb 1999 13:29:08 -0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: <kq6xy@goldrush.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [33957] Re: Portable QRP antenna question
Message-ID: <000301be5f59\$afec9c80\$49eeb094@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You will of course have checked the FAQ on my web site regarding Backpacking antennas....?

Very best wishes

.....

Frank G3YCC G QRP 042, G QRP Sales Officer.

QRP web page <http://www.homeusers.prestel.co.uk/g3ycc/>

Date: Tue, 23 Feb 1999 10:51:00 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <k1oj@ditdit.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33958] Re: radiofrequency thermocoagulation of the C2 dorsal root ganglion

Message-ID: <003301be5f5d\$757d5d60\$07424cd1@k6qq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: K10J <k10j@ditdit.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Tuesday, February 23, 1999 10:13 AM

Subject: Re: radiofrequency thermocoagulation of the C2
dorsal root ganglion

>... I am not

>sure why they call it ultra sound. The frequencies used are
usually 2.5, 5,
>and 10 MHz...

It's called ultrasound because that's what it is ;-)

The high frequency signal is applied to a "crystal"
transducer. It vibrates
at that frequency, generating an acoustic (sound) wave.
Then the drive
is removed, the system switches to receive, and the
"crystal" acts as a
microphone, listening for the echo.

The transmitters are often at the several hundred watt
level. Echoes
from near the surface of the body are quite strong; those
from deep
within are very weak. Talk about "full break-in" operation!

72,

John, K6QQ (ex-medical ultrasound designer)

Date: Tue, 23 Feb 1999 12:51:32 -0600

From: "K10J" <k10j@ditdit.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [33959] Re: radiofrequency thermocoagulation of the C2 dorsal root ganglion

Message-ID: <002a01be5f5d\$8829f180\$cbe3c1cf@pavilion>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Thanks John,

I have no background in ultra sound but then again you don't have to worry about glowing in the dark! :)....

OJ-K1oj

dit dit

..

Date: Tue, 23 Feb 1999 12:56:30 -0600

From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>

To: <qrp-l@lehigh.edu>

Subject: [33960] RE: metal finishing (remotely QRP)

Message-ID: <000101be5f5e\$3a187b00\$8dc9ce80@nathan.missouri.edu>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Mike,

As for the bright shiny aluminum antennas, I suspect what we're seeing is a layer of polyurethane, although that's just a hunch. If you don't want metal to oxidize, spray on a coat or two of Krylon clear polyurethane or the like and it'll stay looking nice.

Where the anodization is concerned, I've read of a method that uses Rit (no pun intended) dye or Kool-Aid in an electrolyte bath. Never tried it myself, but I've heard it works FB. I read about it when looking up paintball gun info (another hobby). One can tell the writer isn't exactly educated where electricity is concerned, but no big deal... You can find the info at:

<http://sites.gulf.net/riders/anodize.htm>

Good luck...now that I think about it maybe I'll try this with my SST and NC20 cases!

73,
Nathan
KB0NNV

Date: Tue, 23 Feb 1999 13:05:28 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <mgipe@reliablemeters.com>, <qrp-l@lehigh.edu>
Subject: [33961] RE: metal finishing (remotely QRP)
Message-ID: <000201be5f5f\$7abb9c40\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's another piece of info on anodizing I found to be a bit more informative than the one I gave in the last message:

<http://easyweb.easynet.co.uk/~chrish/t-anodis.htm>

I would tend to look at this reference and not really bother about the last one...

73,
Nathan
KB0NNV

Date: Tue, 23 Feb 1999 19:14:04 +0000
From: Walter D Amos <waltk8cv@surfree.com>
To: Qrp-l Reflector <qrp-l@lehigh.edu>
Subject: [33962] Oh, no, Mr. Bill
Message-ID: <36D2FDFC.1A8EAC6A@surfree.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Assemble your antenna before you spray it with Krylon clear polyurethane

or it won't work very well! :-)

Walt k8cv

Date: Tue, 23 Feb 1999 12:11:48 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [33963] Re: Need volunteers to help with 3rd World Kits
Message-ID: <Pine.SOL.3.91.990223120841.27335A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Feb 1999 ki6ds@dpol.k12.ca.us wrote:

> I need 5 volunteers ...

>

> The kitters that I am looking for need to be willing to work hard, follow
> directions explicitly, not talk during kitting, and do accurate work.

^^

THIS DISQUALIFIES ME!

72, Paul NA5N

Date: Tue, 23 Feb 1999 11:27:23 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [33964] Anodizing 101
Message-ID: <01be5f62\$89d935e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just went to the webpage on anodizing and find it quite interesting.

<http://sites.gulf.net/riders/anodize.htm>

Has anyone tried this process? Is anyone willing to try it and report back to the group? Inquiring minds want to know.

72, Doug, KI6DS

Date: Tue, 23 Feb 1999 13:26:18 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <mgipe@reliablemeters.com>, <qrp-1@lehigh.edu>
Subject: [33965] RE: metal finishing (remotely QRP)
Message-ID: <000001be5f62\$640c1620\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Apparently there's also a company called EastWest Dyecom that has supplies for anodizing. They're located in Roanoke, VA - you'd have to call directory assistance to get the number. You can also find an Anodizing Forum at:

<http://www.metal-finishing.com/forums/anodize/index.htm>

Hope all this helps...

73,
Nathan
KB0NNV

Date: Tue, 23 Feb 1999 14:26:37 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: <waltk8cv@surf.free.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33966] Re: Oh, no, Mr. Bill
Message-ID: <003a01be5f62\$6f86ede0\$a505b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

AMEN !!

73,
Dick K2REB

-----Original Message-----

From: Walter D Amos <waltk8cv@surfree.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, February 23, 1999 2:20 PM
Subject: Oh, no, Mr. Bill

>Assemble your antenna before you spray it with Krylon clear polyurethane
>or it won't work very well! :-)

>

>Walt k8cv

>

Date: Tue, 23 Feb 1999 19:32:57 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [33967] Metal Tins
Message-ID: <E10FNZQ-0005Hy-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Very sorry, I got the conversions wrong <Blush>,

As has been pointed out to me, 99 pence is nearly \$1.64 (This being the rate to the pound!), so 89 pence will be something like \$1.47.

Well, they do say that if it looks too good to be true, it probably isn't true, don't they?

HI

Cheers de Dave (G0DJA)

Date: Tue, 23 Feb 1999 13:36:32 -0600
From: Bob Reynolds <breynold@sigg.com>
To: qrp-1@Lehigh.edu, mstangelo@worldnet.att.net
Subject: [33968] RE: thumb - dah / index - dit -Reply -Reply
Message-ID: <99Feb23.133327cst.26973@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> but I'm curious...is it legal to send a CQ
>>>on more than one frequency at the same
>>>time?

I am fairly sure it is not legal to put 2 or more
signals on the air at the same time, except
possibly for beacons and repeaters.

73, Red K5VOL

Date: Tue, 23 Feb 1999 12:42:17 -0800
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [33969] Re: 73 URL
Message-ID: <36D312A9.32DB@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, looking at that website was a waste of time - only thing for
73 was how to subscribe for 25 bux and 5 for editorial reprints,
submarine stories, investments, etc.
Same ole Wayne - making a buck from his experiences.

--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Tue, 23 Feb 1999 12:42:05 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: "Bryan Turner" <turnerw@email.uah.edu>, qrp-l@lehigh.edu
Subject: [33970] Re: 73 URL
Message-ID: <199902231942.MAA07076@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>>list! <http://www.waynegreen.com>

Not only is there a link to 73,<<

It's not a link to 73 (which has no web site) it's just a description of it amongst Wayne's other "publications."

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Tue, 23 Feb 1999 12:44:07 -0700

From: Rod Cerkoney <rlw@frii.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Cc: Jim Lyons <jlyons@cam.org>, iapizloj@biccc00.bi.ehu.es

Subject: [33971] Re: NC20 and stork-airmail

Message-ID: <3.0.5.32.19990223124407.00844ca0@mail.frii.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 06:46 AM 2/23/99 -0700, Rod Cerkoney wrote:

...

>I got a late start building my NC20 here in Colorado (I'm just getting to
>the VFO section). I found one minor error in the manual:

>

> Page 31, Item 65, C9 is called out as a 0.1 micro farad axial lead cap.

> C9 should be a 10 micro farad electrolytic, and included in the list

> for item 68.

>

HOLD THE PHONE I WAS WRONG HERE!!!

The parts list on Page 31 is correct!!!

I transcribed the info above from some late nite notes I made. Now I am clueless as to why I made that note! Thankfully my rig is assembled correctly, so far.

I really hate when things like this happen.

Thank you Jim, VE2KN, for catching my silly mistake.

My apologies to all for the confusion.

72/3 NØRC

Rod Cerkoney, QRP-L #1764.

Fort Collins, CO

da di dah

Date: Tue, 23 Feb 1999 12:46:27 -0600

From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-l@lehigh.edu

Subject: [33972] fox tonight?

Message-ID: <199902231946.MAA07345@edison.chisp.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Did I miss a fox notice for tonight? Who's up?

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Tue, 23 Feb 1999 13:02:55 -0700 (MST)

From: Joe Gervais <vole@primenet.com>

To: qrp-l@Lehigh.EDU

Subject: [33973] Re: KØFRP & CQC Winter QSO Party

Message-ID: <199902232002.NAA10777@usr09.primenet.com>

Al (KØFRP) wrote:

>

> I will leave it to your Vote !!!!!
> [...]
>
> C. Run full 5w and my aluminum, keep Colorado RF shooting East and
> West, keeping the contest alive.

One more vote for C! Though try to aim a minor lobe
of RF south for us sun-baked critters, will ya? ;-)

I'll be running a full 5W from a nice room-
temperature Sierra this time, giving out that
incredibly rare "Joe" multi. :-) Don't everyone
crowd in on me at once. *8-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 23 Feb 1999 17:00:26 -0000
From: "Kim Andersen" <ox3fv@greenet.gl>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <kq6xy@golldrush.com>
Subject: [33974] Sv: Portable QRP antenna question
Message-ID: <00c201be5f4e\$23ed61c0\$d8e2b1c2@ox3fv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Larry

I have the same needs as you for a antenna to use in places without =
trees. This is what I use right now:

10m telescopic glasfibermast with a 40m radiator, and two radials for =
every band I use. I have elevated the antenna 2 meters up, so all =
radials are floating. It is fed with 450 Ohm ladderline via a tuner, and =
work wonders for me. All my QRP is done on this antenna, and every QSO =
is DX for me!! I am using it for 40 - 10m. I can tune it on 80m but =
have never tried to QSO with QRP on that band. It would be a very easy =
antenna to set up. You can do with only two radials, if you cut them for =
the different bands you intend to use. Use small cables to change =
radials when QSY to new band. You need a tuner for this antenna.

Here is another idea:

40m deltaloop fed with lightweight ladderline. This antenna can be used =
from 40 - 10m. If fed in one of the low corners you have a vertical for =
DX. If fed on the middle it will be horizontal as a dipole, and should =
work good for "local" work.=20

Now, if you cut the antenna in half, you will have a very ugly looking =
dipole for 80m. My idea is to use a small isolator and two small =
cablesheoes. The only thing you need to do is to pull the cablesheose =
apart, and then you are ready for 80m. You could also bring a longer =
piece of ladderline to make it a "normal" 80m dipole.

Also have a look at the PLPV (parking lot portable vertical): =
<http://www.mindspring.com/~ae4gx/>

Hope this gives you some ideas for your trip Larry.

73 de Kim/OX3FV

Date: Tue, 23 Feb 1999 15:11:51 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <breyndold@sigg.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33975] Re: thumb - dah / index - dit -Reply -Reply
Message-ID: <026401be5f68\$c0a922a0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>>>> but I'm curious...is it legal to send a CQ
>>>>on more that one frequency at the same
>>>>time?
>
>I am fairly sure it is not legal to put 2 or more
>signals on the air at the same time, except
>possibly for beacons and repeaters.

I believe the law USED to read that it was illegal

to have multiple outputs from the same source.
In other words, you couldn't have a single
oscillator feeding two power amps, and try to
call each power amp independantly considered
for any power considerations. (ie use 10 500
watt amps, connected to 10 antennas in a
phased array, all driven from a single oscillator
to keep them in phase.) And the law didn't say
you couldn't do it, I believe it just said that the
whole system was considered as one radio.

But I know of nothing that says you can't run
'multiple' unlinked radios at one time. I mean,
is there REALLY a technical difference from what
you described to a tent at field day with a single
'control op' overseeing the the operation of a
separate transmitter on each band at field day?

Mike Yetsko
N1DVJ

Date: Tue, 23 Feb 1999 20:06:27 -0000
From: "Andy" <andy@gm0nwi.freeserve.co.uk>
To: <Qrp-l@lehigh.edu>
Subject: [33976] Fw: "Everybody Needs Somebody Sometimes "
Message-ID: <003101be5f67\$ff955700\$6326883e@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Andy <andy@gm0nwi.freeserve.co.uk>
To: GQRP-L <gqrp-l@blacksheep.org>
Date: 23 February 1999 20:03
Subject: "Everybody Needs Somebody Sometimes "

>Well another well know words to a song
>
>The truth is guys, I am posting this little quote on the
>list for the following reason, due again to my lack of independqace thanks

>to spina bifida
>I am finding it difficult again to track this down
>
>I am in need of a replacement front panel for my HW8 qrp rig (my baby),
>I am at the moment in the process of refurbishing it, and the front panel
>is to say the least a bit grotty, the decals are hard to read due to fading
>and the
>paint around the band switches etc is cracked and broken.
>
>Does anyone PLEASE have a spare front panel for my HW8 in good or
>excellent condition that they would either like to sell or which is of
>surplus requirements.??
>
>I have in the past found the list to be of invaluable assistance in locating
>things and heres hopin' that it will come up on tops again
>
>72s de GM0NWI Long Live QRP !!
>andy@gm0nwi.freemove.co.uk
>
>

Date: Tue, 23 Feb 1999 14:16:04 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [33977] Metal finishing - another option
Message-ID: <000101be5f69\$578fcfc0\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have any of you considered powder coating??? I'm seriously thinking of getting my SST, NC20, and an as-yet undetermined 40m rig all powdercoated the same color. The colors/texture possibilities are seemingly endless, and I found one shop that'll do it for < \$10 an item, probably less for teeny cases like the SST. Perhaps I'll buy an extra NC20 case just for kicks and try it out... Check it out:

<http://www.powdercoating.com>

73,
Nathan
KB0NNV

Date: Tue, 23 Feb 1999 12:14:26 -0800
From: neil <neil@aade.com>
To: bill@willapabay.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33978] Re: More mailing lists? and QRP-clubs?
Message-ID: <36D30C22.3CC2BDA5@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For a huge list of news groups check out:
[http://www.aade.com/links.htm#News groups](http://www.aade.com/links.htm#News%20groups)

also the king of mail servers for amateur radio
<http://www.qth.net/>

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Tue, 23 Feb 1999 15:24:37 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-1@lehigh.edu
Subject: [33979] Re: A new way to cheat.
Message-ID: <Pine.SOL.3.92.990223151525.26264A-1000000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jeff AC6KW wrote about using sound files on his computer
to decode high-speed CW...

This is an up-and-coming way of approaching meteor
scatter, where people communicate by bouncing zillion WPM
CW off meteor ionization trails. What you hear is
a trilling, burbling sound that comes up out of the

noise from time to time. Record it, then slow it down and read off the characters. Many use CoolEdit for this.

There are samples on the net - you'll find pointers from all the usual places. Try <http://www.qsl.net/k0sm> for example.

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Tue, 23 Feb 1999 15:30 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: QRP-L@lehigh.edu
Subject: [33980] receivers
Message-ID: <19990223203117.EBCH12985@localhost>

Hello all QRP lovers!
I was wondering if anyone has built the traveler receiver from Dans?
(\$40.00 from Dans small parts and kits)

I want to build a receiver for the shack...I have homebrew transmitters, but have not built a receiver since the regenerative 6sn7 job I found in our encyclopedia when I was 14.

I want to be able to receive AM and ssb/cw, and was thinking of getting another emtech rig, and keeping the tx parts for spares, and using the receiver section. The thing works so well, and is so stable, it would be a great base to start from, but I wonder how I would go about turning the bfo on and off, without causing problems.

It seems impossible to build a tube receiver except for a regen these days, but the ic chip stuff seems to work well....just need to get it on AM, as well as CW.

Thanks for any info....
Brett
N2DTS

Date: Tue, 23 Feb 1999 15:43:02 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [33981] FW: metal finishing (remotely QRP)
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083A69@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

I believe they are actually using a fiberglass "radome"
surrounding the radiating element. Comet dows this,
and so does Diamond on some of their models.

> -----
> From: Michael A. Gipe[SMTP:mgipe@reliablemeters.com]
> Reply To: mgipe@reliablemeters.com
> Sent: Tuesday, February 23, 1999 12:48 PM
> To: Low Power Amateur Radio Discussion
> Subject: metal finishing (remotely QRP)
>
> Local village of experts --
>
> This may not sound QRP, but it is related to things I am doing with
> QRP projects, so thanks for your indulgence.
>
> I have two questions.
>
> First, does anyone know how the nice satin finish is created on
> aluminum antennas from some manufacturers, like Diamond? This finish
> is much different from the usual "don't do anything just leave it to
> oxidize and rub off on your hand" finish on most commercial aluminum
> antennas. Is it an anodizing process, or an etching process? Does it
> affect the conductivity or loss? Would a layer of aluminum oxide
> formed by anodizing affect the performance of an antenna since it is
> non-conductive?
>
> Second, I have heard that folks in the ARRL lab use coffee to dye the
> oxide layer on freshly anodized aluminum enclosures to achieve a very
> pleasing warm-brown-black color. Does anyone know the details of this
> process? Does it need to be etched first? Is it safe to do at home?
>
> Thanks for the benefit of your experience.
>
> Mike K1MG
> Saratoga, CA
>
> PS: Chuck, how's the NC20 paint job coming?
>
>

Date: Tue, 23 Feb 1999 12:58:03 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: n2tpa@juno.com
Cc: qrp-1@lehigh.edu
Subject: [33982] Re: Pretty nice Caps
Message-ID: <19990223205803.20928.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Yeah, these are even better than I expected from the description. A lot of the built-in reduction type caps have no means to attach a standard dial or pointer, but these ones have a good long outer shaft. With a sleeve and set screw you can do just about anything with these.

Bodacious! Thanks Keith.

Brad

>I just receive the caps that Keith, WB2VUO was selling. I got the dual
>panel-mount. Boy, are these nice! Enclosed reduction drive with
>concentric coarse and fine tune shafts, bearings at both ends of the
>shaft(s), trimmers for both sections, and the standard triple screw
mount
>- all this for \$3 each. If he offers this again, those who missed it
the
>first time might want to reconsider!
>
>Thanks Keith!
>
>Bill
>W2EB
>
>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at
<http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 23 Feb 1999 15:57:52 -0500

From: Ronald McConnell <rcmcc@lucent.com>
To: "'jdolson@iserv.net'" <jdolson@iserv.net>
Cc: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>, "'Ronald McConnell'" <rcmcc@lucent.com>
Subject: [33983] RE: Trickle Charging - How Much Current ?
Message-ID: <01BE5F45.45A49A30@daystar.amc.bell-labs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

Check out Hawker Energy's web site

www.hepi.com

for their big detailed Application Notes on lead-acid battery charging. They cover constant voltage charging, constant current charging, trickle charging, etc. Free for the downloading.

Hawker Energy bought Gates batteries several years ago which resulted in piles of Gates Cyclon cells hitting the hamfests.

Cheers, 73,

Ron McConnell, w2iol

Date: Tue, 23 Feb 1999 14:04:35 -0700
From: "Alyn Backe" <ve6bpr@cnnet.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [33984] Re: A new way to cheat.
Message-ID: <003b01be5f70\$1ea10ec0\$7d06e5cf@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can also find some HSMS sample at:
<http://cnnet.com/public/ve6bpr/page5.htm>

Best 72, AL, VE6BPR.....dit dit

-----Original Message-----

<SNIP>

Jeff AC6KW wrote about using sound files on his computer to decode high-speed CW...

There are samples on the net - you'll find pointers from all the usual places. Try <http://www.qsl.net/k0sm> for example.

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Tue, 23 Feb 1999 13:08:33 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: "Michael St. Angelo" <mstangelo@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33985] RE: thumb - dah / index - dit -Reply
Message-ID: <Pine.SOL.3.96.990223130521.4051C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Feb 1999, Michael St. Angelo wrote:

> This is really impressive, but I'm curious...is it legal to send a
> CQ on more than one frequency at the same time?

Sure.

What you can't do is have the SAME QSO on two frequencies at the same time.

A lot of contest stations use a rig on each band, all going at the same time. But all working different QSOs.

FCC rules do not change just for contests.

It would also be legal to have a QSO on each band at the

same time if you could handle it! :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 23 Feb 1999 15:30:48 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <Brett.Gazdzinski@mci.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [33986] Re: receivers
Message-ID: <002601be5f73\$c9286ca0\$6f6ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Brett and All,

I have not built the Traveler but there are several options
which quickly come to mind, and probably others, too.

Tanner-White Receiver, nice large pc board that lends
to a lot of experimentation
<http://www.ai.com/receivers>

and of course Ten Tec, they have 3 receivers you
can build, 2 Regen and a nice any band DC rcvr.
<http://www.tentec.com>

and Tech America just put the Vectronics monobanders
on sale at \$19.95 each (80, 40, 30 or 20 meters)
<http://www.techam.com>

and Vectronics and MFJ have a nicely packaged
Regen rcvr. When you build it you can have the MFJ
or the Vectronics front panel, depending on which
color you prefer.
<http://www.vectronics.com>

Maybe this will help,
73 / 72 Walter Dufrain, AG5P Wright City, Missouri

<<snipped>>

>

>I want to build a receiver for the shack...I have homebrew transmitters,
>but have not built a receiver since the regenerative 6sn7 job I

Date: Tue, 23 Feb 1999 12:36:16 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [33987] Re: Need volunteers to help with 3rd World Kits
Message-ID: <19990223203616.26190.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

---"Hendricks, Doug" <ki6ds@dpol.k12.ca.us> wrote:
> parts. You will be treated to a lunch by me at the local Dos Palos
> Hamburger Emporium aka Palm Cafe.
>
> The kitters that I am looking for need to be willing to work hard,
follow
> directions explicitly, not talk during kitting, and do accurate work.

Hams not talking? This I got to see!!!!!! Those better be some pretty
good hamburgers Doug!

Jeff

==

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 23 Feb 1999 14:44:51 -0600

From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [33988] Norcal paddle mod
Message-ID: <02f201be5f6d\$5bfff8920\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone have or know where I can get the mod to the Norcal Paddles to have the paddles close together using the original kit? I remember printing it out, but lost it.

72
Jeff, AC4HF

Date: Tue, 23 Feb 1999 14:59:01 -0600
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [33989] K2-builders update and further impressions
Message-ID: <02f801be5f6f\$56da2ca0\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Well it was a looonnnnnnnngggggg daaaaayyyy. Worked a full day minus an hour. Drove 2 hours to Nashville for a class. Sat in class for 3 hours, drove home 2 hours. Back was sore, head was sore.. basically felt like a sore old geezer. Walked into the house and there on the table was a huge (priority mail can't remember, but really looked impressive) cardboard mailer. Opened it up and inside was the tiny little choke I was waiting on. Can't believe the level of support given to the builders on this K2 project. Eric and Wayne have been 100% accessible via email. If I have a question, comment or anything I get an answer VERY promptly. Think it cost them a bunch to send me one little part. Encouragement and support are their middle names.. strange.. both Wayne and Eric having the same middle name :*)

I had finished the first stage of my K2 RF board. Only needed one part to be able to power up and start on alignment and get to see what was and wasn't working. This board has LOTS of parts and first kit where the intentionally have you put a bunch of pieces on the bottom and solder on top of board. I have been going real slow.. and not an easy task considering I have had the pleasure of actually using a finished model for 2 days (controlled myself and actually returned it to owner on time.. after taking 1/2 day vacation to

play with it.

I told myself I was way too tired to even think about it.. over 15 hours of work.. ate dinner, watched some tv.. took a really hot shower, watched a movie.. got bored. .. attempted not to even think about finishing the last step.

Hit a space warp and ended up in the ham shack. Next thing I knew, somehow the part was on the board and the soldering iron was hot. Now I absolutely promised if I put the part on, I would under NO circumstances power up or test the next phase of the rig. I even left the shack after the soldering... somehow the case got put together and the power plug inserted into the K2.. very scary phenomena in mid-Tennessee for a Monday night. Well the initial tests went very well.. only did 2.. and went to sleep.. see, I do have some control, not much, but some. Ok, I was late for work and ended up back in the shack finishing up the alignment. Went very smoothly. Only problem I have had was putting the frequency probe together wrong so that sometimes it doesn't connect right to control board.. Eric is sending me the replacement ends to redo it.. for the 100s of parts and such .. not much of an error. I have finished everything for the first stage except the tweeking of the 40 meter rec. I did however fire up my SWR analyzer to use as a signal source and make sure the receiver at least appeared to be working, and it did.

So far for a Field Test Wayne and Eric are scoring about 95+%. This is better than many finished product kits I have built that are a LOT less complex. This is one fun kit to build. Everytime I look at the guts, can't believe the way it is going together... gonna be a 9 year dream come true when I finish.

If you have been thinking about getting one, don't think anyone is going to be dissapointed... well worth the money.. and I am really really cheap about spending money on toys :*)

72

Jeff, AC4HF

Date: Tue, 23 Feb 1999 13:46:04 -0800
From: "Mont Pierce" <montp@synacom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "David Fifield" <fifield@pacbell.net>
Subject: [33990] NC20 Solder side view
Message-ID: <00d001be5f75\$ea0103e0\$72855fcf@unkown2.synacom.com>
Mime-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm looking over my board for shorts but some of the pads are so close it's hard to tell if they are suppose to be connected or not.

Is there a picture somewhere of the solder side of the board?

If not, could someone send me a photo copy or scanned image of the bottom of the board "BEFORE" anything is soldered to it?

Or, if the solder mask for the bottom of the board is available that would be ideal.

Tnx,
km6wt

Date: Tue, 23 Feb 1999 15:48:49 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <Brett.Gazdzinski@mci.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33991] Re: receivers
Message-ID: <005101be5f76\$763c5e40\$6f6ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Brett and All,

I have not built the Traveler, but there are several options which quickly come to mind, and there are others, too.

Tanner-White Receiver, nice large pc board that lends to a lot of experimentation
<http://www.ai.com/receivers>

and of course Ten Tec, they have 3 receivers you can build, 2 Regen and a nice any band DC receiver.
<http://www.tentec.com>

and Tech America just put the Vectronics monobanders on sale for \$19.95 each (80,40,30 & 20 meters)
<http://www.techam.com>

and Vectronics and MFJ have a nicely packaged
Regen rcvr. When you build the Vectronics version
I believe they send two front panels, so you can
pick the color front panel you prefer.
<http://www.vectronics.com>

Not sure you would like the 'many band' Regen's
for communications work, since their frequency
readout is very touchy but they are nice to SWL
around the bands. All of these receivers will receive
am, cw & ssb.

Maybe this will help
73/72 Walter Dufrain, AG5P Wright City, Missouri

<<<snipped>>>

>I want to build a receiver for the shack...I have homebrew transmitters,
>but have not built a receiver since the regenerative 6sn7 job I found

Date: Tue, 23 Feb 1999 14:36:30 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: w1hue@amsat.org
Cc: qrp-1@Lehigh.EDU
Subject: [33992] Re: NorCal S38 "Thump" Revisited
Message-ID: <19990223.150959.-4091683.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Also replace C14 (25 uF originally) with a 0.01 uF cap, as this reduces
the charge/discharge effect greatly that Larry is talking about.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Feb 1999 14:36:55 -0800
From: Danh Le <dle@san-jose.tt.slb.com>
To: qrp-1@lehigh.edu
Subject: [33993] My NC20 receiver is a little bit deaf!
Message-ID: <199902232236.0AA13409@iris.san-jose.tt.slb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,

I completed my NC20 last weekend. Everything went together very well. One thing I noted right away is how quiet the rig is! I can barely detect the noise when connecting/disconnecting the antenna (???)

Alignment was done without much problem using an o'scope and the Kenwood TS850s as a test receiver/transmitter.

Yesterday, I was able to manage the first QSO on the NC20 for 30 minutes with N8ED in Lowell, MI. He was running 100w. I was running about 4w into a hamstick antenna. He gave me a 559 report, and me how good the NC20 sounds on the air. But I noted that his signal is kinda low for a100w (much too low to my liking - If tick sidetone/AFA were an S9, his would be around S2-S3)

I took the NC20 back into the shack last night and carefully realigned every thing using Gary Surrency's method (hook the o'scope to R58 and listen to the TS850s transmitting a watt into the dummy load and adjust TC6, TC2, TC5 for best signal). The NC20 hears a little bit better now, but not much! (Yes, I am on the correct sideband)

Today, I was comparing weak signals between the Kenwood TS850s and the NC20 sitting side by side. There were a lot of weak signals (s1-2) that the TS850s can pickup very well through a couple of CW filters, but the NC20 did not even detect them!!!

Anyone else experience this?

Here are a few questions I have for the NC20 Elmers:

1. Should the noise raise a much higher (as with my Kenwood TS850s) when an antenna is connected to the NC20?
2. Adjusting TC3 and TC4 did not seem to make much different. What is the correct way of adjusting these RF attenuator trim caps?

3. What should I do to improve the receiver performance short of swapping out transistors?

TIA for all the helps / suggestions which I am sure will overflow my mail box...

73 / 72 de Dan, ke6d

=====
Danh Le, KE6D, Milpitas CA ke6d@w6yx.ampr.org

Date: Tue, 23 Feb 1999 17:27:00 -0500
From: wd4et@juno.com
To: qrp-1@Lehigh.EDU
Subject: [33994] Re: 73 URL
Message-ID: <19990223.173348.-187371.1.wd4et@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for the tip regarding Wayne Green's web page. It will probably be a hoot.

I used to enjoy reading his wacky editorials in 73 Magazine. It was nice to know that there is someone out there that is at least a screwy as am I. :) I haven't seen them on the shelves at the local bookstore for some time.

I supported his mag due to QRP articles mostly. The noise was rather high though. 80/15/5 (Editorial/advertising/articles). By last year, most of the advertisers had even pulled out.

72, Jeff WD4ET

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Feb 1999 17:00:27 -0500
From: wd4et@juno.com
To: qrp-1@Lehigh.EDU
Subject: [33995] Re: Total QRP Commitment
Message-ID: <19990223.173348.-187371.0.wd4et@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I currently operate an FT-840 at QRP levels. The optional 500 Hz filter and an external JPS NIR-12 help, but strong adjacent signals desense the receiver significantly. On 40 M, I actually enjoy working my Wilderness NC-40 most of the time. I picked up a used MFJ-9420 w/CW at a hamfest last August. I also have numerous QRP kits on the shelf awaiting their due attention.

My shinny new NC-20 is now at the head of the line. If I wern't in the middle of an LDG antenna tuner, I would be up to my elbows in the 20.

I just finished a two year appointment with ARES as an EC. With all of the free time, I'm back to my favorite passtimes, construction and QRP. I sold my Sierra and mailed an order for a K2 last week. I have always wanted an Omni VI. After seeing the prototype K2 at Dayton last year, I decided that the K2 would best fill my needs. Besides, I could buy three of them for the price of a new Omni. :)

I have no doubt that QRP, home brewing, and micro-controller projects will take me well into my retirement years. All I have to do now is figure out how to retire!

Totally QRP, 72, Jeff WD4ET

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Feb 1999 18:28:50 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [33996] W1RFI/QRP/1
Message-ID: <36D339B2.1795@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, guys,

I am headed for the great state of VT this weekend and will bring a radio and do a bit of operating. I will concentrate on 21.060+-, but

may try some 40 M if I can get a reasonable antenna whipped into a tree.

Look for me around the following times:

2/26/99 2000-2400 Z

2/27/99 2000-2400 Z

2/28/99 maybe a bit from 1200-1400 Z or so

I can't say for sure what hours I will actually be able to operate. Believe it or not, I am doing an the ARRL Vermont State Convention in Northern VT. :-)

If anyone needs VT for one of their last few states, let's do a sked, with phone numbers, etc. THIS time, I did the IONCAP analysis and expect some whopping signals on 15 to the southeast (I modeled Atlanta), midwest (KC, MO), West (Boise, LA and Seattle). IONCAP predicts signals 35 dB over the noise level over most of that time frame.

Email me at w1rfi@arrl.org tonight, Wednesday or Thursday at the latest.

73,
Ed, W1RFI
ARRL Lab

Date: Tue, 23 Feb 1999 18:48:44 -0500
From: "Paul Craig, Jr." <n3ysi@easy-pages.com>
To: <JGold@tntech.edu>
Cc: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [33997] Re: Norcal paddle mod
Message-ID: <000801be5f87\$345ebc00\$a58fc597@760223503>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff, As I remember, there was no mod available for the original kit, however a great deal of improvising went on. I took a dual approach by first machining approx.. 1/16" off each arm's paddle mating surface. Then I experimented with a variety of different paddle materials, discarding the 1/4" thick Plexiglas. I finally settled on a nice pair of tortoise shell guitar picks. The spacing is somewhat closer than that of my bencher and not quite as close as the brass racer.

Quite comfy for me. I'm sure u will hear quite a few tips in the next few hours. GL

72 de n3ysi

-----Original Message-----

From: Jeff Gold <JGold@tntech.edu>

To: Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>

Date: Tuesday, February 23, 1999 5:09 PM

Subject: Norcal paddle mod

>.....the mod to the Norcal Paddles to have
>the paddles close together using the original kit?
>Jeff, AC4HF

End of QRP-L Digest 1376

